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ANNUAL REPORT

for

1937

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HEALTH DEPARTMENT.

Singapore, 24th February, 1938.

The President,
Municipal Commissioners,
Singapore.

Sir,

I have the honour to submit my report on the working of the Health Department during the year 1937.

I. NOTIFIABLE DISEASES.

1233 cases were notified against 2779 in 1936 and 2301 in 1935. Tuberculosis was unexpectedly removed from the list of notifiable diseases as from the beginning of the year. Omitting the cases of this disease from the previous years, then the true comparison runs 1233 against 1535 in 1936 and 1248 in 1935.

Leprosy was added to the list and during the year 32 cases were notified.

The following table shows the comparison between this year and the previous ten years:—

Year	Typhoid Fever	Paratyphoid Fever	Diphtheria	Chicken-pox	Puerperal Fever	Erysipelas	Cerebro Spinal Fever	Small-pox	Plague	Cholera	Typhus Fever	Scarlet Fever	Anthrax	Leprosy	TOTAL
1927 ..	235	7	29	193	22	5	17	19	4	30	—	—	—	—	561
1928 ..	230	12	59	350	11	8	15	9	5	9	1	3	—	—	712
1929 ..	133	—	57	577	13	8	3	9	3	—	—	6	—	—	809
1930 ..	156	2	63	349	11	9	22	—	—	—	—	2	—	—	614
1931 ..	150	1	65	211	28	6	8	3	—	—	—	—	—	—	472
1932 ..	114	1	124	542	16	2	6	8	—	—	—	1	—	—	814
1933 ..	248	7	244	288	11	5	4	1	1	—	1	—	—	—	810
1934 ..	116	4	254	412	6	5	7	1	—	—	3	2	—	—	810
1935 ..	415	9	193	529	16	5	11	52	—	—	18	—	—	—	1,248
1936 ..	455	6	176	833	22	9	16	1	—	—	15	—	—	—	1,533
Average for 10 years	225.2	4.9	126.4	428.4	15.6	6.2	10.9	10.3	1.3	3.9	3.8	1.4	—	—	838.3
1937 ..	222	5	217	709	16	6	17	—	—	—	8	—	1	32	1,233

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The following table shows the incidence by nationalities:—

DISEASE	Europeans	Eurasians	Chinese	Malays	Indians	Others	TOTAL
Typhoid Fever ..	2	8	169	16	23	4	222
Paratyphoid Fever ..	2	—	3	—	—	—	5
Diphtheria ..	3	12	182	5	10	5	217
Chickenpox ..	2	54	108	25	516	4	709
Puerperal Fever ..	—	—	11	2	3	—	16
Erysipelas ..	—	—	5	—	1	—	6
Cerebro-spinal Fever	—	—	11	—	6	—	17
Smallpox ..	—	—	—	—	—	—	—
Plague ..	—	—	—	—	—	—	—
Cholera ..	—	—	—	—	—	—	—
Typhus ..	—	—	1	—	7	—	8
Scarlet Fever ..	—	—	—	—	—	—	—
Anthrax ..	—	—	1	—	—	—	1
Leprosy ..	—	—	28	—	4	—	32
Total ..	9	74	519	48	570	13	1,233

The following return shows the number notified for each month of the year:—

DISEASE	January	February	March	April	May	June	July	August	September	October	November	December
Enteric Fever ..	11	22	27	19	6	30	25	20	25	13	14	10
Diphtheria ..	23	14	21	22	18	11	13	19	18	18	16	24
Chickenpox ..	85	95	119	67	41	41	18	18	31	80	59	55
Puerperal Fever	—	2	3	1	1	2	—	1	3	—	2	1
Erysipelas ..	2	—	1	—	—	1	—	—	—	—	—	2
C.-Spinal Fever ..	—	3	1	—	3	2	2	1	2	—	1	2
Paratyphoid Fever	1	—	1	—	—	—	—	1	1	—	1	—
Smallpox ..	—	—	—	—	—	—	—	—	—	—	—	—
Plague ..	—	—	—	—	—	—	—	—	—	—	—	—
Cholera ..	—	—	—	—	—	—	—	—	—	—	—	—
Typhus ..	—	1	—	—	2	2	—	—	1	1	—	1
Scarlet Fever ..	—	—	—	—	—	—	—	—	—	—	—	—
Leprosy ..	5	7	1	2	—	3	3	3	2	3	2	1
Anthrax ..	—	—	—	—	—	—	1	—	—	—	—	—
Total..	127	144	174	111	71	92	62	63	83	115	95	96

There is nothing particularly outstanding in these tables. We may, however, congratulate ourselves perhaps, on having enjoyed a year of complete freedom from the three dangerous Infectious Diseases from which we have most to fear, i.e. Smallpox, Plague and Cholera.

Tuberculosis, as already mentioned, was deleted from the list of notifiable diseases. We were not consulted about this in any way. It is true that when it was notifiable, we were not in a position to do much about it as there never have been facilities for hospitalising Phthisis cases, at least on any scale. It is true, too, that no system of Institution treatment, which did not provide for the care and maintenance of wives and dependants, was likely to be popular or meet with much support. I cannot but think, however, that the disinfection of houses and cubicles which used to follow the notifications of cases, was of some use. Quite apart from the value of the physical operation our attention must have exercised a cumulative effect in impressing the people and educating them, if slowly perhaps, to the fact that Phthisis is an infectious disease, conveyed from the sick to the healthy, and that certain elementary precautions can be taken to minimise the risks of spread. Perhaps the small amount involved in the mere fact of notification was not altogether thrown away.

The usual routine rat-trapping laid down by the International Sanitary Convention was carried on continuously throughout the year. 3381 rats, trapped both in the Port and built-up town areas, were examined in the bacteriological laboratory. None was found infected with Plague. The flea index, though somewhat higher than in the previous year. remained low, being only 1.81 per live rat. I still think, as I stated my belief many years ago, that this, so far unexplained, scarcity of insect life on our local rat constitutes the greatest single protective factor in our freedom from Plague, and while it obtains I do not think we have much to fear.

TYPHOID AND PARATYPHOID FEVERS.

227 (5 Paratyphoid) cases were notified during the year against 461 in 1936 and 424 in 1935. There were, however, 74 deaths so that doubtless many attacks were never reported.

The incidence and distribution of the cases was according to our usual experience. They were spaced more or less evenly throughout the year and indiscriminately over the whole municipal area. As much time as could be spared was spent in the investigation of individual cases but no evidence was forthcoming to cause me to change my mind as to the method of its transmission i.e. by the medium of "carriers" engaged in the handling and distribution of articles of food and drink.

Though certainly many cases of the disease were missed there was undoubtedly a great decrease in incidence as only 74 deaths were recorded against 155 in 1936. The campaign against itinerant hawkers of food stuffs was perhaps rather more intense throughout the year and I would like to think that had something to do with it. I am afraid, however, it was not intensified quite to that extent. There was perhaps much less unlicensed hawking, due to the fact there was plenty other work available, and it is possible that had something to do with the decreased incidence.

I spoke hopefully last year of the impending passage of new Food and Drugs regulations which would enable us to tighten up control of the peripatetic food hawker. These regulations are still on the stocks!

All I can do is to reiterate my prophecy that, until there is a complete change of heart and attitude toward the "poor" hawker, and a brake is put on his insanitary activities, we shall always have far more than our legitimate share of this preventible disease. If one could see some signs of public interest and even indignation such as the recent Croydon outbreak seems to have evoked, one might have some hope of doing something about it. The present laissez faire attitude will get us nowhere.

DIPHTHERIA.

217 cases were reported against 176 in 1936. There were of course many more as this is an affection still taken very lightly by lower class Chinese parents especially. Very little notice is taken until the small sufferer is already in extremis, as may be seen from the fact that, of the 178 cases treated in Middleton Hospital, 50 required tracheotomy. Fuller particulars will be found in Dr. Gilmour's report of the working of that hospital. He is of opinion that the time has arrived when the immunisation of all infants should be seriously considered. He suggests it could be carried out by the Infant Welfare branch of the Department just when the infants are coming off the register at the end of the first year of life. It would certainly prevent many tragedies later on. The Infant Welfare Branch, as at present staffed, could not possibly undertake the work. But meantime it is carrying it out on a small experimental scale to test the reaction of parents towards the operation.

GENERAL.

1. Medical Inspection of Passengers.

The Government Health Office issued 230 permits to land. These embraced 385 persons of whom 24 failed to report.

2. Houses quarantined and disinfected.

I house was quarantined and 568 were disinfected.

3. Infectious persons and contacts.

568 patients were removed to Middleton Hospital.

49 bodies were buried under supervision.

II. MIDDLETON HOSPITAL.

At the end of 1936 there were 36 patients remaining in hospital, while during the year there were 1,324 new admissions making a total treated of 1360. Of these 1,246 were discharged, 61 died while 53 remained in hospital at the end of the year.

Of the 61 deaths 42 were due to Diphtheria, 19 of them occurring within 24 hours of admission.

The full report of the Medical Superintendent, Dr. Gilmour, is appended.

III. VACCINATION.

The following vaccinations were reported:—

	Successful	Modified	Failed	Not Seen	Total
Municipal Vaccinators	14,733	112	19	1,017	15,881
Private Vaccinators ..	604	—	—	—	604
Medical Practitioners ..	2,514	—	—	—	2,514
Total ..	17,851	112	19	1,017	18,999

The nationalities of those vaccinated by Municipal Vaccinators were Europeans 12, Eurasians 143, Chinese 13,186, Malays 1,684, Indians 731, and others 125. Of these 8,445 were males and 7,436 females of the following ages:—

Under 1 year	10,856
1 to 2 years	3,780
3 to 5 years	109
6 to 10 years	355
11 to 20 years	323
Over 20 years	458
Total ..	15,881

12,674 vaccinations were performed at the depots, 2,541 at Police Stations, 573 in the Child Welfare Clinics and 93 in private houses.

VITAL STATISTICS.

In my 1936 report I discussed at some length the difficulties of estimating with any degree of accuracy the intercensal population of a town like Singapore which is peculiarly sensitive to slumps and booms in trade, and is always liable to sudden big shifts of population in either direction. I explained how Mr. Vlieland, the officer who conducted the 1931 Government decennial Census, had elaborated his own methods of arriving at population figures in the intercensal years. His methods were based briefly on two factors (a) an assumption that the maternity or fertility rate is, for Asiatic women, more or less saturated and (b) that the relative deadliness of a given year, as compared with the last Census year, is the same for both sexes. So that when the births and deaths for a year are known it is possible, by making use of the above two factors, to arrive at fairly accurate estimates of the number of males and females who must have been present in the population throughout the year.

I explained that though Mr. Vlieland had been advocating his methods since the 1931 Census they appeared to me so revolutionary that

I refrained from using them in the years 1932 to 1935 inclusive. Convincing proof of the validity of his methods, however, were forthcoming in 1936 when the Municipal Quinquennial Census was taken. Prior to the figures for that Census being published, Mr. Vlieland gave his own estimates for that year, as indeed he had done for every year subsequent to 1931, and they were only a little over 1% higher than the figures actually enumerated. And there was every likelihood that the error was even less as, owing to excessive immigration in the second half of 1936, it was possible that the mean annual population for the year was substantially higher than that recorded on Census night on June 30th.

To be brief Mr. Vlieland entirely convinced me of the soundness of his methods and I expressed my intention of using them, or some modification of them, in subsequent annual reports. Accordingly, knowing the number of births and deaths for the year 1937 the following table has been calculated. It shows the distribution of the population by Race, and Sex for that year:—

	Males.	Females.	Total.
Europeans ..	5,515	2,963	8,478
Eurasians ..	3,528	3,720	7,248
Chinese ..	231,513	167,360	398,873
Malays ..	28,321	22,044	50,365
Indians ..	37,224	9,609	46,833
Others ..	4,670	3,697	8,367
Total ..	310,771	209,393	520,164

I should explain that the methods have been applied to Chinese, Malays and Indians only. With Europeans, Eurasians and others the total numbers are small, and for that and other reasons the indices might not be reliable. In these Races the simple method of adding the excess of births over deaths to the numbers for the previous year has been employed.

Owing to the rapidly disappearing disparity of the sexes in the Chinese, who constitute over 75% of the population, with a resulting greatly increased number of births the age distribution of our population must be appreciably altering and Mr. Vlieland is of opinion that allowance must be made for this when making use of the fertility rate as a guide to the number of females. I have myself, however, made no such allowance. It is difficult in my opinion to arrive at a reliable index, the rate of change in the sex ratio having been by no means constant over succeeding census years. And Census figures are the only safe ones to use in determining such formulae. But Mr. Vlieland himself admits that the variation is relatively small.

In estimating the number of women I made use of the maternity index figure found at the 1936 Census instead of an average of the figures of several census years. In simple language this maternity index is the figure which represents the number of women per 1,000 women of all ages who bore a child during the year. In 1936 for Chinese women it was 111, somewhat higher than in the two previous census years. There is some reason to believe it may have been unduly high owing to the excess immigration, already mentioned, of Chinese women in the latter half of 1936. Any children born to these, subsequent to their arrival in the Colony, would appear in the birth registrations though the mothers would not be recorded in the population. I have nevertheless used the figure 111 deliberately in order to avoid any possibility of being accused of over-estimation. The reason for this will best be appreciated when I say that in Singapore today over-crowding is worse than ever before and a far more urgent problem. And if these population figures of mine are to be adduced as evidence of the need for remedial measures to relieve that overcrowding, then it is essential that the criticism that they are exaggerated cannot be levelled at them.

With regard to population figures generally in 1937, the problem is further complicated, unfortunately, by the fact that, with the outbreak of hostilities in China there followed a big exodus of people from China ports to Malaya and many have undoubtedly taken up temporary abode in Singapore. Government Gazette figures for the year show an excess of Chinese arrivals over departures of 156,803 and no doubt very many of them remained in Singapore. There is ample evidence to the close observer that there are an unusual number of "strangers" in the city. I myself for instance have come across more than one household where no one can speak Malay—a most unusual happening. Some of my Chinese friends assure me that the number of refugees runs as high as 70,000 so that it is quite on the cards that the population by the end of the year was in the neighbourhood of 600,000. However there is no possibility of estimating within thousands this surplus temporary population so I have entirely ignored it and all the statistics to follow are based on the figures given. The influx however did not come until toward the end of the year and I do not think, therefore, that the mortality statistics will be unduly affected or vitiated. This uncounted surplus population may be a factor to be taken into account in later years though the use of Vlieland's methods will to a great extent offset the difficulties of estimating it.

The following table gives the population, the number and rates per 1,000 births, the infantile deaths, and deaths at all ages for the past 6 years. For the benefit of those who may be in possession of my previous reports I should state that in the table I have discarded the official figures published in my reports for the years 1932—1935 inclusive. It was quite evident after the 1936 Census that they were hopelessly at variance with facts. For those years I have made use of the figures supplied by Mr. Vlieland.

Year	Mean Population	Births		Infant Deaths		Deaths at all ages		
		No.	Rate	No.	Rate	No.	Rate	
1931 ..	445,719	16,488	36.99	3,369	204	11,233	25.20	Census
1932 ..	421,230	16,589	39.38	2,994	184	9,480	22.51	
1933 ..	418,170	16,881	40.37	2,980	177	9,387	22.45	
1934 ..	429,670	17,329	40.33	3,107	179	10,162	23.65	
1935 ..	470,900	19,593	41.60	3,355	171	11,370	24.15	
1936 ..	490,155	20.878	42.59	4,001	192	11,877	23.92	Census
1937 ..	520,164	22,621	43.49	3,888	172	11,686	22.46	

BIRTHS.

The total number of births registered during the year was 22,621 compared with 20,878 in 1936 and 19,593 in 1935.

There were 11,771 males and 10,850 females, against 10,790 and 10,088 last year.

The crude birth rate was 43.49 against 42.59 last year.

I need hardly point out that this crude birth rate is of little or no value and has none of the significance it would have in a fixed and stable population. The gradual increase over the years is more apparent than real and simply indicates the increasing proportion of women in our population. As stated elsewhere there is every reason to believe that the fertility rate for Asiatic women is more or less saturated and the birth rate may for all practical purposes be taken as a constant.

The following is the number of births for each month of the year, the 1936 figures being also shown:—

Month.	1936	1937	Month.	1936	1937
January ..	1,697	1,702	July ..	1,659	1,850
February ..	1,539	1,540	August ..	1.694	1,950
March ..	1,665	1,728	September ..	1,700	1,939
April ..	1,727	1,800	October ..	2,048	2,085
May ..	1,731	1,880	November ..	1.921	2,189
June ..	1,631	1,901	December ..	1,866	2,056

And the nationalities were:—

	1936			1937		
	Males	Females	Total	Males	Females	Total
Europeans ..	90	97	187	132	113	245
Eurasians ..	80	102	182	99	92	191
Chinese ..	8,846	8,247	17,093	9,675	8,902	18,577
Malays ..	975	867	1,842	1,028	934	1,962
Indians ..	662	652	1,314	692	663	1,355
Others ..	137	123	260	145	146	291
Total ..	10,790	10,088	20,878	11,771	10,850	22,621

There were 623 still births compared with 588 in 1936.

DEATHS.

The total number of deaths for the year was 11,686 and the crude death rate was 22.46 per 1000.

392 persons died who had been less than three months resident in Singapore. Deducting these, the death rate is reduced to 21.71.

The excess of births over deaths was 10,935.

The following return shows the number of deaths and the death rate for each month of the year:—

Month	Deaths	Rate	Month	Deaths	Rate
January ..	919	20.87	July ..	1,017	23.08
February ..	784	19.03	August ..	850	19.30
March ..	916	20.80	September ..	941	22.08
April ..	934	21.91	October ..	1,074	24.38
May ..	1,049	23.81	November ..	1,029	24.14
June ..	1,129	26.48	December ..	1,044	23.70

The death rates for the different nationalities were:—

Nationality	1937			1936		
	Males	Females	Total	Males	Females	Total
Europeans ..	5.62	5.40	5.54	6.41	4.17	5.64
Eurasians ..	11.05	13.71	12.42	12.60	11.72	12.17
Chinese ..	24.51	22.59	23.70	26.88	24.77	26.01
Malays ..	22.81	23.04	22.91	24.97	25.23	25.09
Indians ..	15.47	26.64	17.76	14.12	24.31	16.12
Others ..	13.92	11.65	12.91	16.78	11.29	14.37
Total ..	22.63	22.23	22.46	24.28	24.00	24.23

The following return gives the number of deaths from each cause of disease by nationality, age and sex. The classification followed is that of the 1931 International List:—

MORTALITY ACCORDING TO DISEASE, NOTIONALITY, AGE AND SEX FOR THE YEAR 1937.

I. Infectious and Parasitic Diseases.			Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1. Typhoid Fever.			Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	..	..	1	..	..	..	..	..	1	..	3	1	2	4	3	1	5	1	18	3	12	2	1	..	1	1	..	..	47	14	
			Malays ..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	3	..	..	..	..	..	2	..	1	..	..	..	..	..	8	..	
			Indians ..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	..	..	..	..	..	..	4	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	73
2 Paratyphoid Fevers.			Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
3. Typhus Fever.			Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	2	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
7. Measles.			Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	1	1	1	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	3	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	6
9. Whooping Cough.			Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	2	2	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	3	
			Malays ..	..	..	2	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	
			Indians ..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13
10. Diphtheria.			Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
			Chinese ..	..	..	3	2	7	3	3	..	6	6	3	3	7	9	1	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	30	25	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	57
11. Influenza.	11a. With respiratory complications.	(1) With pneumonic complications.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	
			Chinese .	..	..	2	3	..	2	2	..	..	..	..	..	2	..	..	..	..	..	..	1	2	1	1	3	3	..	2	3	..	..	14	13	
			Malays ..	1	..	..	..	1	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	3	2	
			Indians ..	..	..	..	3	..	..	..	..	..	..	1	..	..	..	..	..	1	..	3	..	3	..	3	..	2	..	1	..	..	..	14	3	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	50
		(2) With other respiratory complications.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2

MORTALITY ACCORDING TO DISEASE, NOTIONALITY, AGE AND SEX FOR THE YEAR 1937.

1. Infectious and Parasitic Diseases—*(contd.)*			Nationality	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	11b. Witnout respiratory complications.	(1) With non-respiratory complications.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	2	5	..	1	..	..	..	..	..	..	..	2	..	1	..	..	..	..	1	..	1	..	..	..	2	1	..	..	6	10	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	
			Indians	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	3	1	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	22
		(2) Without stated complications	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	2	1	3	..	3	..	..	..	..	..	..	..	1	3	..	..	2	..	2	..	..	..	2	1	..	..	6	2	..	..	21	7	
			Malays	..	..	3	..	..	..	1	..	..	..	..	..	..	..	1	1	2	..	..	..	2	2	3	..	1	4	3	4	..	..	16	11	
			Indians	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	3	1	..	1	..	..	..	4	7	
			Others	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	2	1	69
13. Dysentery.	13a. Amoebic.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	4	1	11	4	10	5	11	7	..	..	36	19	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	..	3	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	..	..	..	..	1	..	..	..	..	..	..	..	2	2	63
	13b. Bacillary.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	
			Chinese	..	..	1	1	..	..	..	..	..	2	..	..	1	..	..	1	..	..	1	..	2	2	7	2	12	1	7	..	..	..	31	9	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	3	1	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	45
	13c. Other or Unspecified.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	1	..	1	1	..	..	..	..	..	1	2	..	..	1	..	..	1	2	11	4	13	5	13	7	8	6	..	..	50	27	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	3	..	1	..	2	..	..	..	..	1	..	..	7	3	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	1	..	..	..	..	..	1	..	..	1	4	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	92
15. Erysipelas.			Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	2	3	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
16. Acute Polio-myelitis.	(1) Acute poliomyelitis.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
17. Encephalitis lethargica.			Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	2	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3

MORTALITY ACCORDING TO DISEASE, NOTIONALITY, AGE AND SEX FOR THE YEAR 1937.

I. Infectious and Parasitic Diseases—(*contd.*)	Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
18. Cerebro-spinal Fever.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	1	1	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	5	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	3	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
20. Anthrax.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
22. Tetanus.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	212
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	98	91	1	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	..	4	..	3	1	1	..	1	..	..	..	111	92	
	Malays	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	
	Indians	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	2	..	..	..	..	..	1	..	..	..	6	..	
	Others	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
23. Tuberculosis of the respiratory system.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1302
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	3	3	2	2	..	1	1	1	..	..	6	9	
	Chinese	..	..	..	1	..	1	..	1	1	3	..	1	2	3	6	3	16	9	46	22	186	70	228	80	231	52	100	23	..	..	816	269	
	Malays	..	..	..	..	..	1	1	1	..	1	..	..	..	..	..	2	1	..	6	3	17	12	15	12	16	5	8	3	..	..	64	40	
	Indians	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1	1	7	3	15	5	13	9	13	3	6	4	..	..	57	25	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	3	5	1	2	1	2	..	..	..	9	6	
24. Tuberculosis of the central nervous system.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	83
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	10	9	10	10	8	5	2	1	3	3	6	1	1	..	..	..	1	..	2	2	3	..	..	..	..	..	..	..	46	31	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	1	3	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	5	1	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
25. Tuberculosis of intestines and peritoneum.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	39
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	1	1	4	..	..	..	..	1	..	3	3	..	1	1	..	..	..	2	3	2	..	3	..	2	1	..	..	15	13	
	Malays	..	..	..	..	2	1	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2	
	Indians	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	4	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
26. Tuberculosis of vertebral column.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	1	..	3	..	..	..	..	2	..	2	..	..	..	..	1	..	..	..	..	1	..	..	..	..	5	5	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

I. Infectious and Parasitic Diseases—(contd.)		Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
27. Tuberculosis of other bones and joints.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	1	..	..	4	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
29. Tuberculosis of lymphatic system (abdominal and bronchial glands excepted).		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	2	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
32. Disseminated tuberculosis.	(a) Acute.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	2	1	2	..	2	1	..	1	1	..	2	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	11	3	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16
	(b) Chronic.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	(c) Not distinguished as acute or chronic.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	2	..	2	2	..	..	..	..	..	1	..	1	..	..	1	..	1	..	2	1	1	..	..	..	..	..	..	..	9	5	
		Malays	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16
33. Leprosy.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	2	..	2	1	1	1	..	..	..	..	..	..	5	4	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	10
34. Syphilis.	(a) Congenital Syphilis	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	30	62	9	16	..	1	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	41	80	
		Malays	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	
		Indians	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	125
	(b, c) Syphilis acquired or Unspecified.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	3	4	..	7	2	3	..	1	..	18	5	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	2	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

I. Infectious and Parasite Diseases—(*contd.*)		Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
35. Other Venereal diseases.	(1) Gonorrhoeal or purulent ophthalmia.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
36. Purulent infection, Septicaemia.	(a) Septicæmia.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	3	7	3	8	..	2	2	..	..	..	..	..	1	1	..	2	..	1	..	..	3	1	5	2	9	1	2	..	..	..	28	25	
		Malays	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	1	1	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	58
	(b) Pyæmia.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	2	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	3	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
	(c) Gas gangrene.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	..	..	..	..	..	2	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
38. Malaria.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Eurasians	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Chinese	2	3	8	3	2	4	1	5	3	3	4	3	18	15	8	11	8	6	13	8	46	43	57	30	37	16	15	18	..	..	222	168	
		Malays	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	1	..	2	..	..	1	..	..	..	1	..	..	3	6	
		Indians	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	5	1	6	2	3	1	3	..	2	..	..	..	20	5	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	2	..	428
39. Other diseases due to protozoa.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
40. Ankylostomiasis.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	3	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

Infectious and Parasite Diseases.—(*contd.*)		Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
42. Other diseases due to helminths.		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese ..	..	..	3	..	2	6	4	4	3	3	1	2	..	4	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	14	19	
		Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians ..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	2	1	
		Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36
43. Mycoses.	(1) Actinomycosis.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese ..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
		Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	(2) Other mycosis.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	
		Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
		Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
		Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
44. Other infectious or parasitic diseases.	(4) Varicella.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	
		Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	(6) Other diseases included under 44.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
II. Cancer and Other Tumours.																																			
45. Cancer of the buccal cavity and pharynx.		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	
		Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	4	..	6	3	1	..	..	..	16	3	
		Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	2	..	
		Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..	
		Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
46. Cancer of the digestive organs and peritoneum.		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	1	2	
		Chinese ..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	2	29	8	49	10	33	16	..	..	118	36	
		Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
		Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	3	..	2	1	1	1	..	..	7	2	
		Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	1	169

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

II. Cancer and Other Tumours—*(contd.)*	Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
47. Cancer of the respiratory organs.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	1	1	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	6	..	4	1	..	..	12	1	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16
48. Cancer of the uterus.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	5	..	6	..	8	..	..	..	20	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	..	..	..	..	..	3	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	25
49. Cancer of other female genital organs.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
50. Cancer of the breast.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	4	..	6	..	..	..	16	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17
51. Cancer of the male genito-urinary organs	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	3	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
52. Cancer of the skin.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
53. Cancer of other or unspecified organs.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	5	2	9	2	4	1	..	..	19	6	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	2	1	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
54. Non-malignant tumours. (b) Other Sites.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	2	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

II. Cancer and Other Tumours.—(*Contd.*)		Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
55. Tumours of undetermined nature.	(b) Other sites.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	1	..	1	2	3	1	1	..	..	2	..	..	8	6	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16
III. Rheumatism, Diseases of Nutrition and of Endocrine Glands and Other General Diseases.																																			
56. Rheumatic Fever.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	1	1	..	..	..	1	..	1	5	..	1	1	4	..	..	6	11	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19
57. Chrome rheumatism, osteoarthritis.	(2) Rheumatoid arthritis, osteo-arthritis.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	1	1	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
58. Gout.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
59. Diabetes.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	1	8	2	11	9	7	8	..	..	29	20	
		Malays	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	2	1	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	4	1	1	1	..	..	9	3	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	1	..	..	3	2	70
60. Scurvy.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
61. Beri-Beri.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	
		Chinese	36	25	34	36	5	5	2	5	2	1	..	2	1	3	1	..	7	2	21	18	44	56	53	27	67	20	36	18	..	..	309	218	
		Malays	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	5	7	11	6	6	6	8	3	1	1	..	..	31	25	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	4	2	..	1	..	..	..	5	4	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	595

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

III. Rheumatism, Diseases of Nutrition and of Endocrine Glands and Other General Diseases.		Nationality	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
62. Pellagra.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
63. Rickets.	(1) Rickets.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Malays	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
66. Diseases of the thyroid and parathyroid glands.	(b) Exophthalmic goitre.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	4	..	1	..	1	..	..	..	9	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(d) Tetany.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
67. Diseases of the thymus.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Malays	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
69. Other general Diseases.	(1) Amyloid disease of unstated origin.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(2) Other diseases included under 69.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	
		Chinese	5	6	1	1	..	1	..	..	..	..	..	..	1	..	..	..	1	1	1	1	1	..	1	2	3	..	3	..	..	..	17	12	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

IV. Diseases of the Blood and Blood-Forming Organs.			Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
70. Haemorrhagic conditions.	(a) Purpura.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
	(b) Hæmophilia.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
71. Anaemia, chlorosis.	(a) Pernicious anæmia		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	1	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	2	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
	(b) Other anæmias and chlorosis.	(1) Splenic anaemia.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
		(2) Other diseases included under 71b.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	1	1	1	1	..	..	1	..	..	..	..	..	..	1	..	1	..	2	1	2	1	..	..	..	..	..	..	..	5	8	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	3	..	1	2	1	1	..	..	..	..	..	3	7	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	24
72. Leukaemia, aleukaemia.	(a) Leukæmia.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	..	..	..	..	..	..	..	..	4	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	(b) Aleukæmia (Lymphadenoma).		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

V. Chronic Poisoning.		Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
75. Alcoholism (acute or chronic).		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
76. Chronic poisoning by other organic substances.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
77. Chronic poisoning by mineral substances.	(2) Other chronic poisoning by mineral substances.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	3
VI. Diseases of the Nervous System and Sense Organs.																																			
78. Encephalitis.	(a) Cerebral abscess.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	2	2	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
	(b) Other diseases included under 78.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	2	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
79. Meningitis.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	1	3	4	5	1	3	..	1	..	1	1	..	1	..	..	1	..	1	1	1	3	..	4	1	1	..	1	..	..	..	18	17	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	3	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	38
80. Tabes dorsalis (Locomotor ataxy).		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	2	..	..	..	4	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

VI. Diseases of the Nervous System and Sense Organs.—*(contd.)*			Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
81. Other diseases of the spinal cord.	(1) Progressive muscular atrophy.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	2	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(3) Myelitis of unstated origin.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	2	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(4) Other diseases included under 81.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
82. Cerebral haemorrhage, apoplexy, etc.	82a. Cerebral hæmorrhage.	(1) Cerebral hamorrhage so returned.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	126
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	1	2	
			Chinese	13	3	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	1	1	1	4	6	24	12	22	19	..	..	67	42	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	2	..	1	..	..	2	3	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	3	..	2	..	..	..	6	..	
			Others	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	
		(2) Apoplexy (lesion unstated).	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	2	1	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	1	2	..	..	5	3	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	2	..	
	82b. Cerebral embolism or thrombosis.	(1) Cerebral embolism.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		(2) Cerebral thrombosis.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	2	2	..	..	5	3	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		(3) Cerebral softening.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
			Chinese	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2	..	..	..	1	..	..	..	4	2	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

VI. Diseases of the Nervous System and Sense Organs—(*contd.*)			Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	82c. Hemiplegia and other paralyses of unstated origin.	(1) Hemiplegia.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	
			Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	3	1	2	4	8	7	..	..	14	13	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	..	..	1	2	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	3	1	..	..	4	1	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	37
		(2) Other paralyses of unstated origin.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
85. Epilepsy.			Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
86. Infantile convulsions (under 5 years of age)			Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	
			Chinese ..	211	104	155	142	40	33	14	7	3	6	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	425	294	
			Malays ..	67	53	57	49	12	11	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	136	117	
			Indians ..	5	3	3	4	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	9	
			Others ..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	993
87. Other diseases of the nervous system.	(a) Chorea.		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	(b) Neuritis, Neuralgia.		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	2	..	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	(e) Other diseases included under 87.		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	2	3	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
88. Diseases of the eye and Annexa.			Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1936.

VI. Diseases of the Nervous System and Sense Organs—(*contd.*)		Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
89. Diseases of the ear and of the mastoid sinus.	(a) Otitis and other diseases of the ear.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese ..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
		Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	
		Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	(b) Diseases of the mastoid sinus.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese ..	..	..	..	..	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	4	1	
		Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
VII. Diseases of the Circulatory System.																																			
90. Pericarditis (heart).		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese ..	..	..	..	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	2	..	..	..	..	..	4	3	
		Malays ..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
		Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9
91. Acute endocarditis (heart)	(1) Malignant endocarditis.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	..	4	..	
		Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	(2) Other acute endocarditis.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	1	..	..	..	4	..	
		Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
92. Chronic endocarditis, Valvular disease (heart).	(1) Aortic valve disease.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	
		Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	1	10	..	18	2	10	7	..	..	45	10	
		Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	
		Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	2	1	
		Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	61
	(2) Mitral valve disease.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	3	..	3	2	7	6	1	14	1	7	7	..	..	31	22	
		Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	
		Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
		Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	56

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

VII. Diseases of the Circulatory System—*(contd.)*			Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	(4) Endocarditis not returned as acute or chronic.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	1	..	..	..	..	..	3	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	(5) Other or unspecified valve disease.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	..	2	..	2	2	5	1	..	..	12	3	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	18
93. Diseases of the myocardium	(a) Acute myocarditis.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	(b) Myocardial degeneration.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
		(1) Fatty heart.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
		(2) Cardiovascular degeneration.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	2	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
		(3) Other diseases included under 93b.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	1	1	1	2	1	..	..	4	5	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	2	..	..	1	..	..	3	2	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	2	19
	(c) Myocarditis not distinguished as acute or chronic.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	..	
			Chinese	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	2	..	..	..	..	1	2	5	5	8	6	20	8	..	..	35	23	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	..	1	1	1	..	..	2	4	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3	..	1	..	1	1	..	..	5	2	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	73

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

VII. Diseases of the Circulatory System.—*(contd.)*			Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
94. Diseases of the coronary arteries, angina pectoris.			Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	6	..	6	2	..	..	12	4	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	4	..	1	..	..	..	6	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	26
95. Other diseases of the heart.	(a) Disordered action of heart.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	4	..	..	..	5	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	(b) Other diseases included under 95.	(1) Dilatation of heart (cause unspecified) cardiac dilatation.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
		(2) Heart disease (undefined).	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	3	4	6	5	11	7	42	10	54	24	..	..	118	50	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	2	..	7	2	..	..	10	4	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	1	2	..	..	4	2	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	189
96. Aneurysm.			Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	6	..	4	..	9	..	..	..	22	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	3	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27
97. Arterio-sclerosis.			Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	97. (1) Arterio-sclerosis with cerebral hæmorrhage.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	1	1	..	..	2	3	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	97. (2) Arterio-sclerosis with record of other cerebral vascular lesion.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	2	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

VII. Diseases of the Circulatory System.—*(contd.)*		Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	(3) Arterio-sclerosis without record of cerebral vascular lesion.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	1	23	7	..	..	32	8	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	1	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	2	1	..	..	4	1	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	50
98. Gangrene.	(a) Senile gangrene.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	(b) Other gangrene.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	1	..	..	1	..	..	3	..	..	..	..	..	..	..	..	..	..	2	1	1	..	..	..	4	5	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9
99. Other diseases of the arteries.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
100. Diseases of veins (varix, haemorrhoids, phlebites, etc.)	(1) Varix.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
101. Diseases of the lymphatic system (lymphangitis, etc.)		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
102. Abnormalities of blood pressure.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	..	..	2	2	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	2	..	7
103. Other diseases of the circulatory system.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	..	..	..	..	2	3	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

VIII. Diseases of the Respiratory System.		Nationality	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
105. Diseases of the larynx.	(2) Laryngitis.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
106. Bronchitis.	(a) Acute bronchitis.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	21	15	14	11	3	4	3	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	2	..	..	43	33	
		Malays	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	79
	(b) Chronic bronchitis.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	6	1	13	1	33	10	..	..	55	13	
		Malays	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	1	..	..	2	3	
		Indians	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	2	..	..	2	3	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	78
	(c) Bronchitis not distinguished as acute or chronic.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	
		Chinese	7	1	15	22	4	1	1	3	..	1	..	..	1	1	..	..	..	..	..	..	..	..	1	..	4	..	3	2	..	..	36	31	
		Malays	2	1	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	5	3	
		Indians	1	..	1	3	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	..	..	4	5	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	87
107. Broncho-pneumonia.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
		Eurasians	..	1	..	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	4	
		Chinese	96	72	204	172	83	56	58	30	29	34	24	19	26	34	7	4	3	..	2	2	14	5	8	7	13	11	11	5	..	..	583	451	
		Malays	6	6	19	10	12	9	7	1	1	1	..	4	4	2	..	..	..	..	..	..	..	1	2	1	..	..	4	2	..	..	55	37	
		Indians	6	6	14	5	8	4	2	3	1	1	1	1	1	..	..	..	..	1	2	..	1	3	1	..	2	..	1	1	..	1	40	26	
		Others	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	2	1202
108. Lobar pneumonia.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	2	..	
		Chinese	3	1	7	5	2	5	2	2	3	1	..	2	3	1	1	..	6	2	11	1	32	12	37	6	43	4	14	5	..	..	164	47	
		Malays	..	..	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	1	..	3	2	..	..	7	5	
		Indians	..	1	1	..	..	1	..	1	..	..	..	..	..	..	..	1	7	1	13	..	33	2	17	..	10	..	6	..	..	..	87	7	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	321
109. Pneumonia (not otherwise defined).		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	1	..	..	..	..	..	2	1	
		Eurasians	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	2	
		Chinese	3	..	8	2	4	..	..	..	2	..	..	1	2	2	..	2	5	3	5	7	12	12	15	6	25	8	13	9	..	..	94	52	
		Malays	..	..	2	2	..	..	..	..	..	1	..	..	..	1	1	..	..	2	2	1	5	4	5	2	8	4	4	2	..	..	27	19	
		Indians	2	..	..	1	..	..	..	..	..	1	..	..	2	..	1	..	..	..	2	..	6	..	2	1	2	1	..	1	..	..	17	5	
		Others	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	221
110. Pleurisy.	(1) Empyema.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	3	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	1	..	..	..	..	6	5	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	2	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

VIII. Diseases of the Respiratory System—*(contd.)*			Nationality	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
110. Pleurisy.	(2) Other pleurisy.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Indians	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	3	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6
111. Congestion and haemorrhagic infarct of lung, etc.	(1) Hypostatic congestion of lungs.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	2	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	1	..	..	3	4	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11
	(2) Other diseases included under 111.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	2	..	2	2	..	..	..	..	..	3	6	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	1	..	..	..	..	..	1	2	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13
112. Asthma.			Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
			Chinese	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	2	5	2	8	9	10	8	..	..	24	23	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	2	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	2	..	53
113. Pulmonary emphysema.			Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	4	..	..	..	7	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
114. Other diseases of the respiratory system.	(a) Chronic interstitial pneumonia, including occupational diseases of the lung.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	3	..	..	..	..	..	4	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
	(b) Other diseases included under 114.	(1) Gangrene of the lung.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	2	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	2	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
		(2) Other diseases included under 114b.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	3	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	3	..	1	..	..	..	10	2	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	3	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

IX. Diseases of the Digestive System.		Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
115. Diseases of the buccal cavity pharynx, etc	(1) Diseases of the teeth and gums.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	2	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	5
	(2) Ludwig's angina.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	..	4	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	(3) Diseases of the tonsils.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
	(4) Other diseases included under 115.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	2	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
116. Diseases of the oesophagus.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	
		Chinese	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	..	..	3	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
117. Ulcer of the stomach or duodenum.	(a) Ulcer of the stomach.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	4	..	7	2	9	2	8	2	..	..	29	8	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	2	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	40
	(b) Ulcer of the duodenum.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
118. Other diseases of the stomach.	(1) Inflammation of the stomach.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Chinese	10	4	13	7	..	1	1	1	..	1	..	..	2	..	..	..	..	..	..	..	..	1	1	..	1	..	..	2	..	..	28	17	
		Malays	5	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	2	
		Indians	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	56

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

IX. Diseases of the Digestive System—(*contd.*)			Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
118. Other diseases of the stomach.	(2) Other diseases included under 118.		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	4	1	..	..	5	3	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	
			Others ..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	11
119 & 120. Diarrhoea and Enteritis.	(a) Diarrhœa and enteritis.		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		(1) Colitis.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	..	..	..	1	2	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
		(2) Other Diarrhoea and enteritis	Europeans ..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
			Eurasians ..	1	4	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	7	
			Chinese ..	151	103	141	145	54	39	21	16	11	16	7	10	6	9	1	1	2	..	..	4	1	4	2	1	8	2	4	5	1	..	410	360	
			Malays ..	9	8	9	16	4	2	1	3	..	3	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	2	..	..	..	26	33	
			Indians ..	7	11	10	9	4	1	..	..	..	1	..	..	1	..	..	..	..	..	1	1	2	2	..	..	..	..	..	..	..	..	25	25	
			Others ..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	4	1	893
	(b) Ulceration of the intestines.		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	2	..	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
121. Appendicitis.			Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	1	2	5	5	1	..	..	..	..	..	..	10	8	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	2	..	21
122. Hernia, Intestinal obstruction.	(a) Hernia.		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	(a) Hernia.	(1) Strangulated hernia.	Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	3	..	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

IX. Diseases of the Digestive System—*(contd.)*			Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
		(2) Hernia not returned as strangulated.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
	(b) Intestinal obstruction		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	2	..	2	..	..	..	7	2	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
			Indians	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	2	1	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13
123. Other diseases of the intestines.	(2) Diverticulitis.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	(3) Other diseases included under 123.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	2	3	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	6
124. Cirrhosis of the liver.	(a) Returned as alcoholic.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	3	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
	(b) Not returned as alcoholic.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	1	8	..	7	2	12	4	10	3	..	..	41	10	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3	..	..	..	..	..	..	..	3	1	
			Indians	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	1	..	2	..	1	1	1	..	..	..	7	1	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	63
125. Other diseases of the liver.	(1) Acute yellow atrophy		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	(2) Other diseases included under 125.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	1	2	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1	1	3	1	2	..	1	..	..	..	10	4	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	..	..	1	2	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

IX. Diseases of the Digestive System—(contd.)			Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	(2) Without mention of cholecystitis.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
127. Other diseases of the gall bladder and ducts.	(1) Cholecystitis without record of biliary calculi.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	5	..	2	..	3	2	2	..	..	..	12	5	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	1	1	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	2	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21
	(2) Other diseases included under 127.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	1	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
128. Diseases of the pancreas.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
129. Peritonitis without stated cause.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	1	1	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	1	..	..	..	..	..	..	1	..	1	..	1	1	..	1	1	..	2	2	13	4	14	3	10	1	2	1	..	..	45	14	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	2	65
X. Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																			
130. Acute nephritis.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	2	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	1	2	1	3	1	2	..	3	1	4	2	4	3	4	1	2	6	2	4	6	14	10	12	13	5	5	1	..	..	60	52	
		Malays	..	..	..	..	..	..	..	..	..	1	..	..	..	..	3	2	2	1	..	..	..	3	2	4	..	3	1	2	..	..	8	16	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	1	..	..	..	..	1	..	..	..	..	1	4	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	2	..	145
131. Chronic nephritis.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	2	..	
		Chinese	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	1	3	1	4	6	12	12	19	19	37	15	72	58	..	..	148	113	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	1	..	2	2	3	5	..	..	8	8	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	6	..	3	..	..	..	11	1	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	291

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

X. Non-Venereal Diseases of the Genito-Urinary System and Annexa—*(contd.)*		Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
132. Nephritis not stated to be acute or chronic.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
		Chinese	..	1	1	..	..	..	..	2	..	..	..	..	1	..	1	..	..	..	..	1	3	4	5	2	6	6	11	2	..	..	28	19	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	2	..	1	..	..	..	6	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	2	..	1	..	..	..	3	1	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	..	1	..	..	2	2	62
133. Other diseases of the kidney and annexa.	(a) Pyelitis.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	4	1	5	7	2	1	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	1	..	1	..	1	..	..	..	..	11	15	
		Malays	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	3	
		Indians	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2	1	1	..	1	..	..	..	5	2	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	38
	(b) Other diseases included under 133.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
134. Calculi of the urinary passages.	(b) Calculi of the bladder.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	2	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	(c) Calculi of unstated site.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
135. Diseases of the bladder.	(a) Cystitis.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	2	1	..	1	..	..	2	5	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
136. Diseases of the urethra, urinary abscess, etc.	(a) Stricture of the urethra.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	(b) Other diseases of the urethra, etc.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1

MORTALITY ACCORDING TO DISEASE, NATIO NALITY, AGE AND SEX FOR THE YEAR 1937.

X. Non-Venereal Diseases of the Genito-Urinary System and Annexa—*(contd.)*	Nationality	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
137. Diseases of the prostate.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
138. Diseases of the male genital organs.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	4	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	2	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
139. Diseases of the female genital organs. (2) Diseases of the Fallopian tube.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	2	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
(3) Diseases of the parametrium.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	1	..	..	..	..	..	4	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
(b) Diseases of the uterus.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
(c) Diseases of the breast	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
XI. Diseases of Pregnancy, Childbirth and the Puerperal State																																		
140. Post-abortive sepsis.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

XI. Diseases of Pregnancy, Childbirth and the Puerperal State—*(contd.)*		Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
141. Abortion not returned as septic.	(1) Hæmorrhage following abortion.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	4	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
142. Ectopic gestation.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	3	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
143. Other accidents of pregnancy.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	2	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
144. Puerperal Haemorrhage.	(a) Placenta prævia.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	..	1	..	..	..	..	..	..	..	5	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	(b) Other puerperal haemorrhage.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	6	..	6	..	1	..	..	..	..	..	14	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	6	..	2	..	..	..	..	..	..	..	11	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	2	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27
145. Puerperal sepsis.	(a) Puerperal Septicæmia and pyæmia.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	..	8	..	5	..	..	..	..	..	..	..	20	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	3	..	..	..	..	..	..	..	..	..	6	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	2	29
146. Puerperal albuminuria and convulsions.	(1) Puerperal convulsions	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	3	..	7	..	4	..	..	..	..	..	..	..	17	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	2	..	..	..	..	..	..	..	..	..	4	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22
	(2) Other conditions included under 14	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1

MORTALITY ACCORDING TO DISEASE, NALITY, AGE AND SEX FOR THE YEAR 1937.

XI. Diseases of Pregnancy, Childbirth and the Peurperal State—(*contd.*)		Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
147. Other toxaemias of pregnancy.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	1	..	..	..	..	..	..	..	4	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
148. Puerperal phlegmasia alba dolens, embolism and sudden death.	(b) Puerperal embolism and sudden death.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
149. Other accidents of childbirth.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	3	..	2	..	..	..	..	..	..	..	6	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7
150. Other or unspecified conditions of the puerperal state.	(1) Puerperal insanity.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Furasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	(3) Childbirth (unqualified).	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
XII. Diseases of the Skin Cellular Tissue.																																			
151. Carbuncle, Boil.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	3	1	14	9	2	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	1	1	..	..	22	13	
		Malays	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36
152. Cellulitis, acute abscess	(1) Cellulitis.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
		Chinese	1	9	3	3	1	1	1	..	..	..	..	..	..	..	1	..	..	1	..	1	2	2	1	..	1	..	1	..	..	..	12	17	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	..	..	3	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

XII. Diseases of the Skin Cellular Tissue—(*contd.*)		Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	(2) Acute abscess.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	2	5	10	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1	3	..	..	..	2	..	1	..	..	..	20	9	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
153. Other diseases of the skin and its annexa.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	3	7	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	9	8	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	2	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
XIII. Diseases of the Bones and Organs of Locomotion.																																			
154. Acute infective osteomyelitis and periostitis.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	1	..	..	..	..	..	..	3	3	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
155. Other diseases of the bones.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
156. Diseases of the joints and other organs of locomotion.	(a) Diseases of the joints.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	2	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	1	..	1	..	..	..	7	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(b) Diseases of other organs of locomotion	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

XIV. Congenital Malformations.			Nationality	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
157. Congenital malformation.	(a) Congenital hydrocephalus.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	2	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	(b) Spina bifida and Meningocele.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	(c) Congenital malformation of heart.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	3	2	3	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	3	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11
	(d) Monstrosities.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	(e) Other congenital malformations.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
		(3) Imperforate anus.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	7	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	3	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
		(4) Other stated congenital malformations.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	6	3	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	4	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
		(5) Congenital malformation unspecified.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

XV. Diseases of Early Infancy.			Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
158. Congenital debility.			Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
			Chinese ..	50	80	6	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	56	86	
			Malays ..	41	24	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	43	25	
			Indians ..	9	8	3	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	9	
			Others ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	233
159. Premature birth.			Europeans ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Eurasians ..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	
			Chinese ..	154	154	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	154	155	
			Malays ..	17	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	10	
			Indians ..	30	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	17	
			Others ..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	389
160. Injury at birth.	(a) With mention of cæsarean section.		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese .	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	
			Malays ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Indians ..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	
			Others .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6
	(b) Without mention of cæsarean section.		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Chinese ..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	4
161. Other diseases peculiar to early infancy	(a) Atelectasis.		Europeans ..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	26	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26	15	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	43
	(b) Icterus neonatorum		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	10	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	14	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Others ..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	26
	(c) Other diseases included under 161.		Europeans ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	2	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	3	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	(c) Other diseases included under 161c.	(1) Diseases of the umbilicus.	Europeans .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese ..	2	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	7	
			Malays ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

XV. Diseases of Early Infancy—(*contd.*)			Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
		(2) Pemphigus neonatorum.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
		(3) Other diseases included under 161c.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
XVI. Old Age.																																				
162. Old age.	(b) Other forms of senile decay.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	4	..	..	2	4	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	96	132	..	..	96	132	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	49	54	..	..	49	54	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	14	..	..	12	14	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	4	..	..	1	4	369
XVII. Deaths from Violence.																																				
163. Suicide by solid or liquid poisons and corrosive substances.			Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	2	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	7	8	8	1	2	3	..	2	..	..	..	15	20	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	39
165. Suicide by hanging or strangulation.			Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	1	3	8	..	6	..	3	1	..	..	19	7	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	3	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29
166. Suicide by drowning.			Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	2	
			Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
			Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

XVII. Deaths from Violence.—*(contd.)*	Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
168. Suicide by cutting or piercing instruments.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	2	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
169. Suicide by jumping from high place.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	1	..	..	..	..	..	..	..	3	1	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
170. Suicide by crushing.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
172. Infanticide (under one year).	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
173. Homicide by firearms.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
174. Homicide by cutting or piercing instruments.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	2	1	2	..	..	..	..	..	7	1	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	2	..	11
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
175. Homicide by other means	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	..	..	..	1	..	1	..	..	..	5	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
178. Accidental absorption of irrespirable or poisonous gas.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	..	..	1	..	..	..	4	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

XVII. Deaths from Violence—*(contd.)*	Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
179. Other acute accidental poisoning (not by gas).	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
180. Conflagration.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	1	3	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
181. Accidental burns (conflagration excepted).	Europeans	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	1	..	..	1	1	1	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	5	2	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
182. Accidental mechanical suffocation.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	2	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
183. Accidental drowning.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	1	..	..	2	3	3	1	1	..	1	..	2	..	1	..	..	..	..	..	10	5	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	2	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18
184. Accidental injury by firearms.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
186. Accidental injury by fall, crushing, etc.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	3	1	..	..	1	..	..	..	..	..	5	1	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	2	..	2	2	2	1	4	..	10	1	18	1	25	8	22	4	11	2	..	..	96	19	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	..	3	..	1	..	1	..	2	..	..	..	2	1	..	..	12	2	
	Indians	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	3	..	3	..	2	..	3	1	1	..	..	..	13	1	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	149
187. Cataclysm.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	..	..	..	2	1	
	Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3

MORTALITY ACCORDING TO DISEASE, NATIONALITY, AGE AND SEX FOR THE YEAR 1937.

XVII. Deaths from Violence—(*contd.*)		Nationality.	Under 3 Months		3 to 12 Months		1 to 2 Years		2 to 3 Years		3 to 4 Years		4 to 5 Years		5 to 10 Years		10 to 15 Years		15 to 20 Years		20 to 25 Years		25 to 35 Years		35 to 45 Years		45 to 55 Years		Over 55		Un-known		TOTAL		Grand Totals
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
192. Lightning.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	1	..	..	..	..	..	..	..	4	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
194. Other and unstated forms of accidental violence.	(1) Inattention at birth.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	(2) Other causes included under 194.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	2	..	
		Malays	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	6
195. Violent deaths of unstated nature (i.e., accidental, suicidal, etc.)		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	..	..	..	3	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
XVIII. Ill-Defined Diseases.																																			
199. Sudden death.		Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	2	..	..	1	3	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Indians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
200. Cause of death unstated or ill-defined.	(1) Heart failure.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	1	..	..	2	2	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	6	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	2	1	2	..	2	3	..	..	13	8	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	5	..	1	1	..	..	..	..	..	2	6	
		Indians	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	1	1	..	1	1	1	..	..	..	5	5	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	41
	(2) Other ill-defined causes.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	
		Chinese	3	3	2	..	1	3	3	4	2	1	..	2	2	..	1	..	..	..	1	..	2	7	4	4	7	2	5	2	..	..	33	28	
		Malays	2	1	3	2	2	1	1	..	..	1	..	1	1	..	2	..	..	1	3	3	4	1	5	3	8	4	2	2	..	..	33	20	
		Indians	..	..	..	1	..	1	..	..	..	1	..	..	1	1	1	..	..	2	..	..	1	..	..	..	..	..	1	..	..	..	4	6	
		Others	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	126
	(3) Causes not specified.	Europeans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Eurasians	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Chinese	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	2	2	..	..	1	1	6	3	
		Malays	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	
		Indians	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	3	1	
		Others	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	1	6	3	23
			1239	1009	866	774	312	248	160	117	85	107	69	66	131	122	68	58	112	81	240	178	747	485	915	430	1100	335	983	639	5	5	7032	4654	11686

The following return shows the total number of deaths at different age periods in the different nationalities:—

Mortality According to Nationalities and Ages for the Year 1937.

Nationality	Sex	Under 3 months	3—12 months	1—2 years	2—3 years	3—4 years	4—5 years	5—10 years	10—15 years	15—20 years	20—25 years	25—35 years	35—45 years	45—55 years	Over 55 years	Unknown	TOTAL	
Europeans ..	M	1	—	—	—	—	—	—	—	—	4	7	5	7	7	—	31	
	F	2	—	—	—	—	1	—	—	—	3	1	2	2	5	—	16	
Eurasians ..	M	8	1	2	—	1	—	—	—	1	—	3	5	3	15	—	39	
	F	7	5	2	1	1	—	—	—	2	2	8	5	5	13	—	51	
Chinese ..	M	1,003	718	256	138	77	62	114	50	80	157	562	738	928	789	3	5,675	9,4
	F	832	650	205	96	85	58	112	47	57	138	382	348	283	484	3	3,780	
Malays ..	M	151	103	35	13	3	1	8	11	16	30	53	63	64	95	—	646	1,1
	F	110	87	31	9	12	6	5	9	9	18	50	43	27	92	—	508	
Indians ..	M	69	38	17	9	4	5	9	6	12	48	115	90	91	63	—	576	
	F	52	30	10	9	8	1	4	2	11	17	35	27	12	37	1	256	
Others ..	M	7	6	2	—	—	1	—	1	3	1	7	14	7	14	2	65	1
	F	6	2	—	2	1	—	1	—	2	—	9	5	6	8	1	43	
Total ..	M	1,239	866	312	160	85	69	131	68	112	240	747	915	1,100	983	5	7,032	11,6
	F	1,009	774	248	117	107	66	122	58	81	178	485	430	335	639	5	4,654	
Grand Total ..		2,248	1,640	560	277	192	135	253	126	193	418	1,232	1,345	1,435	1,622	10	11,686	

GENERAL DEATH RATE.

The crude death rate for the year was 22.46 per 1,000 living compared with 24.23 in 1936.

The chief causes of death are set out in the following table. The 1936 figures are given for comparison:—

	1937		1936	
	Cases	Rate per mille	Cases	Rate per mille
Bronchitis and Pneumonias ..	1,978	3.803	1,990	4.060
Tuberculosis	1,475	2.835	1,406	2.869
Infantile Convulsions (up to 5 years)	993	1.909	1,056	2.154
Diarrhoea & Enteritis ..	896	1.722	912	1.861
Beri-Beri	595	1.144	767	1.565
Diseases of Early Infancy ..	720	1.384	707	1.442
Nephritis	498	.957	546	1.114
Malaria	428	.823	525	1.071
Dysenteries	200	.384	241	.492

Beyond a slight overall improvement over those for 1936 these figures call for little comment.

I wish however to focus special attention on the first two groups as they should be a constant reminder of the fact that the greatest problem facing Singapore today is still insanitary housing specifically, and an acute housing shortage generally.

Though, doubtless, overcrowding in insanitary cubicles contributes to the spread of many other diseases, especially of infants, the two causes of disease which head the table are, par excellence, the result of close herding. In 1936, taken together, they caused a death rate of 6.93 per 1,000 living and though that figure was reduced to 6.62 in the year under review, they are still responsible for 29.2% of all deaths. These deaths, being in great measure preventible, are therefore much too high in numbers but I am afraid there can be no hope of substantial improvement until steps can be taken to remedy the present housing conditions, both in quantity and quality, at a very much more accelerated rate than the past few years have seen.

The position was so bad in 1918 that a Housing Commission was appointed. It is infinitely worse today. The Improvement Trust was a direct result of that Commission, and that body is doing its best but it has been sadly hampered by an Ordinance that has been legally assailed, in many cases successfully, on almost every section of consequence, and by lack of funds, or rather a limitation of the objects on which its available funds may be expended.

The Trust has opened up many back-lanes in the old back to back property. It has made possible the provision of modern sanitation. It has reconstructed the back of these houses in such a way, and on such a scale, as to provide open areas and a modicum of sunlight and ventilation. But it has had perforce to leave the houses if anything rather more intimately overcrowded than ever before. And only recently a doubt has been raised as to whether, in this work of constructing back-lanes, it can insist on any extra open area at all!

It has provided a certain amount of a type of housing suitable for the lower paid artisan. There are many of this class, who, while being useful members of the community, cannot possibly pay the rental demanded for even an insanitary cubicle in the heart of the town. Naturally no private landlord is interested in these and the Trust is shouldering the burden. These dwellings have proved a god-send and are extremely popular. Naturally an economic rental cannot be expected for these houses, at any rate from the class for whom they are intended —and to that extent they may be said to be subsidised.

But that cannot be said of the Trust's most recent building activities. I refer to several modern blocks of tenements erected in the new suburb at Tiong Bahru. They have proved extremely popular and could be filled several times over at much higher rentals than those the Trust demand. It has contented itself however with an economic return on its investment. It was hoped that private enterprise would follow suit but so far there is no sign of it. Nor, I am now afraid, will the position be any different while the old existing property in the congested areas can command the high rentals it undoubtedly does at present. In other words it is becoming increasingly obvious that the duty of providing the bulk of the new housing, which is now an absolute necessity, must fall on the Trust or other similar body. The Trust having proved it is an economic proposition, I see no reason why it should not be given the money, to be raised by loan or otherwise, to build new housing at many times the rate at which it is now doing so.

As I have said elsewhere Singapore is peculiarly susceptible to the effects of slumps and booms, with consequent big shifts of population. It must happen on occasion, therefore, that property is vacant and is not so lucrative a proposition as landlords would like. And perhaps that explains the reluctance of private enterprise to embark on fresh housing. But Singapore has always emerged from one of these alternating periods of depression and prosperity with an absolute increase of its permanent population. Recent political developments would indicate the likelihood that this will always hold good and that Singapore town must, if anything, increase in size and population. So that whatever doubts private enterprise may have this consideration need not enter into the calculations of the Trust. In any case, whatever happens in the future, the position today is that the town occupies about half the area it ought to do and has less than half the number of houses it ought to have for the population it at present shelters.

There are two parts in this housing problem of ours. The first and most important as, on it, to a great extent, depends the second, has to do with the amount of housing. It is quite inadequate and has been so, in fact, for many years. New building has nothing like kept pace with the rapidly growing population and the position is now acute.

The second problem is that existing housing is of necessity crammed with insanitary cubicles and to make matters worse in this respect, it is still possible under the Municipal Ordinance and byelaws to build new houses that fall far short of modern sanitary standards.

Few people really appreciate the rate at which our population is increasing and fewer still realise how, owing to the entirely disproportionate increase in the number of women, the total amount of "family" life has grown, throwing in its turn an undue strain on the available amount of domestic housing.

The total population of Singapore in 1911 was 259,610, in 1921 it was 351,461, in 1931 it was 445,719. In 1936 it had grown to 490,155 while today it must be somewhere in the region of 600,000.

The following figures may illustrate more clearly what I am trying to bring out, especially as regards the increase of family life. I give the figures for Chinese only as it is in that race, which constitutes over 75% of our total population, that the great change in the sex ratio has taken place. I give Census figures only and they cannot therefore be doubted.

Chinese Population only.

	Males	Females	Females to 1000 males	Total	Births (Chinese)
1911	141,928	52,088	367	194,016	3,750
1921	185,763	87,630	471	274,261	7,729
1926	193,398	100,597	520	324,584	10,386
1931	214,618	125,996	587	340,614	13,229
1936	220,331	153,786	698	374,117	17,093
1937 (estimated) ..	231,153	167,360	723	398,873	18,577

That is, in just over 25 years the total Chinese population has doubled, but the Chinese female population has trebled itself, while the Chinese births are five times as numerous. No one can deny the great increase in family life that these figures must indicate and the very great demand it must have created for domestic housing. New housing has nothing like kept pace with this. The people have been and are housed, I admit, but it has only been accomplished by cramming more and more insanitary cubicles into houses already condemned as insanitary by the Housing Commission **nearly twenty** years ago.

It is not possible to show by actual figures the shortage of new housing and the resulting increasing overcrowding of individual houses that has taken place over the years. Early census figures simply record houses and make no distinction between domestic and business occupation. The 1931 Census schedules, however, were carefully co-related with the 1936 schedules, and it appears that in 1931 there were 36,675 domestic buildings available as against 35,491 in 1936. And during the period the population increased by approximately 55,000.

As regards the progressive increasing overcrowding by area, or density of population per acre, here again there is some difficulty as the Census divisions of earlier enumerations have not quite the same boundaries as in more recent years, and it is impossible to give an exact comparison. The highest density recorded anywhere in the 1911 Census was 385 per acre. This was over a sanitary division in the congested area. But a density of 703 per acre was recorded in the 1936 Census. This was in a town subdivision of 30 acres, also in the built up area. These two areas are substantially similar in character and size.

Between the year 1931 and 1936, however, an exact comparison can be given. It is as follows:—

Density of Population per Acre.

Town Subdivision	1931 Census	1936 Census	Town Subdivision	1931 Census	1936 Census
1	124	136	16	180	210
2	162	183	17	33	42
3	191	213	18	40	49
4	303	321	19	27	31
5	377	422	20	31	36
6	603	709	21	21	21
7	243	256	22	27	45
8	262	315	23	25	29
9	73	90	24	12	13
10	70	108	25	4	5
11	90	114	26	9	9
12	221	281	27	22	27
13	280	321	28	17	19
14	184	173	29	19	21
15	86	170	30	5	3

So much for the undoubted housing shortage. In my reports in the past I have made frequent reference to cubicles and cubicle dwellers. It may not be out of place if I elaborate the real significance of these terms so far as Singapore is concerned. Our cubicle has not got the dictionary meaning i.e. a bedroom or a place in which one sleeps. In Singapore, in nine cases out of ten and certainly in the congested areas, a cubicle is a house. It is all that a man, his wife and his family occupy for all the ordinary purposes and activities of domestic life. It houses all their belongings, including their food. Children are born in them and spend most of the first year of their lives in them. People die in them while the ordinary activities of the family go on around them. In crowded China town the cubicle tenant has literally no privacy, and no rights anywhere on the crowded floor other than in his cubicle, except perhaps in the kitchen. And in the crowded tenement that is usually so inadequate that he and the family have to take their meals at the street hawker stalls or in eating houses.

By the byelaws a cubicle must have a minimum superficial area of 130 square feet (some years ago 100) and an opening to the external air. In practice very many are much smaller in area and many have no window or direct lighting of any kind and though they could be demolished they are rebuilt in the same place or elsewhere within 24 hours—because it is literally the case that whole families would be on the streets otherwise. This sordid picture refers more to older existing property but it is neverthless true that it is still possible for an architect, by a clever arrangement of airwells, to erect new buildings showing conditions little better than those I have just described. With the exception of the usual kitchen, bathroom and lavatory accommodation and the necessary passageways, every single inch of floor space can be given up to cubicles, every one of which may be let as above to a whole family. There need be no living, common or dining rooms, no rooms for children, no provision for washing or drying clothes, in short accommodation falling far short of what must be provided in the lowest class of lodging house. The whole question hinges on the fact that an airwell, no matter how small, is ruled to be an opening to the external air.

These airwells have got to be seen to be believed. Quite apart from the fact that the sun can only penetrate into them for a short time at midday and direct sunlight can never reach any room ventilating on to them except those on the top floor, they are usually obstructed by clothes hanging out to dry. It is only the other day that I minuted with regard to a plan for a projected new tenement block " It should be impossible for such a rabbit warren to come into existence." Actually the plan was not passed, but for a reason that had nothing to do with my objections, and, amended to overcome the technical objection and resubmitted, would have to be accepted. Drastic and very drastic amendments of the Municipal Ordinance are necessary to prevent the perpetuation of this almost inhuman type of housing. An airwell and its limitations must be specifically defined. It should be no longer possible to give up a whole floor to cubicles. So much of it must be left as the common property of all tenants, which cannot be sublet. Otherwise all houses let in this manner should be made to come under the category of common lodging houses and treated as such.

The Improvement Trust has led the way and in some of the recently erected blocks a large common room has been made a feature on each floor. These are commodious and in some instances are provided with a sun balcony. They must be a veritable godsend to the mother with young children.

The above is a brief picture of the state of housing today in Singapore. It is indeed bad and unless and until we can see a great improvement, there is little hope of any substantial reduction of the incidence of Pneumonia and Tuberculosis.

If the Trust or other responsible body cannot be given the powers and the finance to undertake new housing on a much grander scale, and if the Municipal Ordinance and byelaws cannot be amended to ensure that all new buildings shall be at least initially sanitary, then the need for another Housing Commission is urgent.

INFANTILE DEATH RATE.

This was 171.9 per 1,000 live births. The rates in 1936 and 1935 were 191.6 and 171.2 respectively. This last was the lowest on record.

INFANTILE MORTALITY BY RACES—1927—1937.

Year	Europeans	Eurasians	Chinese	Malays	Indians	Others	All Races
1927 ..	14.6	130.4	219.2	355.2	200.5	105.2	227.6
1928 ..	52.4	173.9	201.1	270.9	154.6	44.3	202.1
1929 ..	50.4	134.3	191.4	292.1	169.5	107.0	197.5
1930 ..	40.3	171.9	217.4	290.4	190.9	37.9	219.0
1931 ..	28.7	110.0	204.6	265.6	159.1	104.8	204.3
1932 ..	6.1	67.0	181.6	254.9	109.8	86.9	180.5
1933 ..	33.0	121.6	176.1	246.0	128.5	88.6	176.5
1934 ..	27.2	109.4	176.6	267.6	133.2	88.9	179.3
1935 ..	13.8	80.0	172.4	225.7	136.0	86.9	171.2
1936 ..	26.7	137.4	197.8	219.9	121.0	96.1	191.6
1937 ..	12.2	109.9	172.4	229.9	139.5	72.7	171.9

I suggested in my report for 1936 that the increase over the rate for the previous year might be more apparent than real, and might be explained by the fact that in the second half of the year many Chinese infants had been brought to the Colony by immigrant mothers, and that deaths amongst these were not offset by a corresponding number of registered live births. The fact that the increased Chinese rate more than accounted for the increased total rate lent colour to this suggestion, and I now consider it more or less confirmed by the 1937 figures, where it will be seen that the Chinese rate has fallen to 172.4, equal to the lowest ever recorded in that race.

The increase in the Malay rate over last year's figure, though the rate is well below that for the decennial figure, is disappointing. The increase cannot be ascribed to any particular cause of disease.

The main causes of death and rates per 1,000 births for each group are set out in the following table, the 1936 figures and rates being given for comparison:—

	1937		1936	
	Cases	Rate per mille	Cases	Rate per mille
Convulsions	857	37.885	854	40.904
Bronchitis & Pneumonia	786	34.746	820	39.275
Diseases of Early Infancy	717	31.696	697	33.384
Diarrhoea & Enteritis	633	27.983	640	30.654
Tetanus	193	8.488	262	12.550
Beri-Beri	132	5.835	139	6.657
Congenital Syphilis	121	5.349	111	5.316
	3,439	151.982	3,523	168.740

It will be seen from the above figures that the improvement was an all round one. The fall in the Bronchitis and Pneumonia rate to which I drew attention last year was well maintained. It was 34.7 per 1,000 as against 39.2 in 1936 and 41.4 in 1935—rather a surprising decline in some ways under the circumstances.

The Beri-Beri rate shows a slight improvement but I doubt if this is really so. All the evidence from the Infant Welfare department would show that infantile Beri-Beri was just as prevalent as ever. The likelihood is that many deaths, really attributible to this cause, are rather loosely ascribed to such general causes as Convulsions, Prematurity and Diseases of Early Infancy. This is hardly to be avoided where so many of the deaths are certified on a " view " only.

I am glad to report that, following on my recommendations of last year, money was provided in the 1938 Budget for an extension of Antenatal Treatment. A beginning has already been made, treatment being directed specially in the first instance toward the prevention of Congenital Syphilis and Infantile Beri Beri.

V. CERTIFICATION OF DEATHS.

The following return shows the number of deaths, the causes of which were certified by Medicalmen, Inspecting Registrars and the Coroner respectively:—

	Europeans	Eurasians	Chinese	Malays	Indians	Others	Total
Medicalmen	32	77	6,920	312	592	77	8,010
Registrars	1	7	2,020	814	180	13	3,035
Coroner	14	6	515	28	60	18	641
Total	47	90	9,455	1,154	832	108	11,686

This gives a percentage of 68.5 certified by medical practioners as against 66.9 last year, 26 by Registrars against 27.7, and 5.5 by the Coroner against 5.4.

The number of Malay deaths certified by Registrars is much too high and there is no justification for it. Many more than the figures indicate, can afford the services of a medical man. It is not generally understood that, where an Inspecting Officer is in doubt, he has the power to refuse a burial permit and order a post mortem. And with regard to Malays especially, perhaps a judicious, a very judicious, application of that power might produce the desired effect.

The percentage for the 10 years has been as follows:—

	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Medicalmen ..	65.1	66.0	68.2	63.6	63.5	64.5	62.8	65.7	66.9	68.5
Registrars ..	28.9	29.1	28.4	31.6	29.6	29.0	31.1	28.7	27.7	26.0
Coroner ..	5.9	4.8	3.3	4.8	6.8	6.5	6.1	5.6	5.4	5.5

There were 22,621 births and 11,686 deaths registered at the Central Births and Deaths Office. 34 Births and 1 Death were entered in the Post Registration books and the sum of $246 was received in Late Registration fees.

There were 30 prosecutions in connection with infringements of the Registration of Births and Deaths Ordinance.

VI & VII. ANALYTICAL AND BACTERIOLOGICAL LABORATORIES.

The number of expert examinations and the amount of scientific investigation all designed to assist the work of the department as a whole, are now so great that it would be an injustice to attempt to synopsise them. The great part the two laboratories play in safeguarding the public health of the community has to be read in full to be appreciated.

Both reports are appended and should be published in full.

VIII. ANTI MOSQUITO WORK.

Dr. Canton's detailed report is appended.

New Works. The department undertook and carried through successfully quite a large programme of new works. Much of it was done in the comparatively undeveloped area bounded by Serangoon, Paya Lebar and MacPherson Roads. By this work, when completed, was established all the main drainage lines of the Municipal area in this direction, and the final complete permanent drainage should present little difficulty.

Following the provision of a deep culvert in Macpherson Road it was found possible to cut a deep central ditch in the floor of the large swampy valley lying to the north of this road. The valley is over a mile long and quarter of a mile wide. The effect of the deep ditch was to lower substantially the subsoil water level over a wide area, thus automatically abolishing many hitherto permanent breeding grounds of all kinds of irritative mosquitoes.

Ten smaller ravines of varying length debouching to the main valley were similarly dried out by central ditching. Several maculatus breeding grounds found in the sides and heads of these smaller ravines, the usual situation in which one expects to find this dangerous mosquito breeding, were permanently treated by being put underground in subsoil pipes. Where necessary, and especially at the heads of the steep ravines, to prevent scour, the ditches were replaced by permanent concrete channels of approved anti-malarial type.

In all, in this district, 5,131 yards of earth ditches were cut, 360 yards of concrete channels with 912 yards of concrete revetment were constructed while 490 yards of subsoil pipes were laid.

Owing to building developments two small ravines in Thompson Road, hitherto more or less untreated, were permanently drained, all outcropping seepages being trapped in subsoil pipes. 350 yards of earth ditch were cut, 320 yards of concrete channel with 20 yards of concrete revetment were constructed while 230 yards of subsoil pipes were laid.

A beginning was made with the drainage of the extensive swamp in the lower reaches of the Sungei Kallang. In reality it is simply a mass of ponds formed many years ago by excavations for brick making. It is in part subject to tidal influence so that, in addition to forming a permanent reservoir for countless irritative culicines of all varieties, A. sundaicus is also found breeding.

The complete drying out of this swamp is much too big an undertaking for the Health Department as at present equipped and staffed, especially as a certain amount of raising and filling of the land will be necessary. Our activities, therefore, had to be confined mainly to trying to control A. sundaious breeding. To do this involved the construction of a tidal gate in the Sungei Kallang in order to keep out sea water as far as possible.

In connection with this type of work generally I should like to point out that this method of drying out low lying areas and protecting them by temporary bunds and tidal flaps is proving by no means an unmixed blessing for the department. A district treated in this manner is nobody's baby. The maintenance is left to the Health Department. Each year sees an added responsibility until the burden, in my opinion, quite an unfair one, is such that the breaking strain is practically reached.

Work of this nature must of necessity be temporary only and is at best a makeshift. A district so treated can never be left and it is essential for it to be patrolled almost literally every day as the slightest disturbance of the land may create entirely new and unsuspected breeding grounds, which, in the heavy undergrowth may escape detection for weeks at a time. It is obviously unfair to throw the responsibility of this on junior officers and subordinates and it is now seriously interfering with the legitimate work of the seniors. I submit this is not work for Health Officers at all, and I suggest that if owners cannot be compelled to raise their low lying lands so as to render impossible the breeding of A. sundaicus, then some other department more appropriately staffed and technically trained should take over this maintenance. Failing that the appointment of another Health Officer will be necessary.

Extensions and new works in existing areas involved the cutting of 11,679 yards of earth ditches, the construction of 2100 yards of concrete channels with 2330 yards of concrete revetment and the laying of 3730 yards of subsoil pipes.

Minor extensions and repairs also called for the construction of 1570 yards of concrete channel with 450 yards of concrete revetment and 1080 yards of subsoil pipes.

Control of dangerous breeding in the Kallang Basin, the scene of the extensive sundaicus breeding in 1936, was continuous throughout the year. It was of a particularly exacting nature and occupied much of the time of the senior staff and immobilised quite a large number of the labour force. There are about 190 acres altogether of low lying land here to be protected from the ingress of sea water by bunds and tidal gates. Defence measures are of necessity of a temporary nature and too much dependence has to be placed on oiling. During the year the purchase by the Commissioners of about 150 acres of this land was completed. Once the land is our own, control is certainly rendered easier but I am afraid the permanent protection of this district, with which it would appear the department is now saddled, is going to throw a heavy burden on our resources.

On the major works 2 permanent and 9 temporary gangs of 20 men each were employed. In October it was found possible to dispense with 3 temporary gangs followed by 2 more at the end of the year.

Maintenance. During the year 7 gangs of 20 men each were constantly employed on the routine maintenance of existing areas. The numbers and extent of these latter are increasing so rapidly that 7 gangs can no longer undertake the work.

3 Patrol gangs of 20 men each were permanently employed on intensive anti-mosquito work in certain districts—one in Siglap, one in Kallang and one in the vicinity of the General Hospital.

Three mosquito traps were in more or less continuous operation throughout the year, one on the Katong sea front, one in the Kallang Basin proper and one in Lorong 29, Geylang, all designed to give a check on the breeding of A. sundaicus. The actual numbers of A. sundaicus caught at Katong during the last six months of the year was 66 and the number of nights on which the trap was in use was 147. The figures for the Kallang Basin and Lorong 29 traps were 34 sundaicus for 148 nights and 1 for 129 nights respectively. These results show that our efforts at controlling the breeding of this mosquito in the Kallang Basin were successful and that it was kept down to a negligible amount.

Over 2,000 mosquitoes so trapped were dissected in the laboratory. Two A. sundaicus and two A. hyrcanus (sinensis) were found infected—all mid-gut infections.

Approximately 60,000 gallons of anti-malarial mixture were sprayed throughout the year—mainly in the basins of the Geylang, Kallang and Whampoa rivers.

IX. SUPERVISION OF MIDWIVES AND INFANT WELFARE.

The report of the Lady Medical Officer is appended.

The District Sisters and Staff Nurses paid 27,999 visits to mothers in their homes. Of those 18,347 were first visits, representing a like number of mothers. They also paid 5,843 revisits to sick mothers while a further 3,809 visits were paid seeking 1,707 wrong addresses.

Following my representations of last year that the District Staff could not overtake the work sanction was given for another appointment. The town was divided into five districts instead of four and we are now able to give far more revisits to sick mothers, an essential part of the work which had previously of necessity to be cut down.

Of the above 18,347 mothers 14,723 were reported to be living in cubicles or single rooms.

4,408 mothers had no skilled attention at birth.

The total number of maternal deaths associated with Pregnancy, Childbirth and the Puerperal state was 104. Of these 29 were certified as Puerperal Sepsis.

20,955 births (156 sets of twins, 1 of triplets and 1 of quadruplets) were reported to the Clinics. Of these actually 18,567 were seen and taken on the Clinic registers.

The Clinic Staff held 50,623 consultations in the Clinics and paid 114,700 visits in the districts.

Once again I invite attention to Dr. Clark's observations on the great prevalence of Avitaminosis both in infants and mothers. In this connection I am glad to say, as I have already said elsewhere, that during the year it was decided to extend the scope of the Clinics in the direction of Ante-natal work. A certain amount of work of this nature has always been done so far as the staff could find the time but it had never been done on an organised basis. Funds have been approved in the 1938 Budget to permit of an increase in Staff and to provide for specialised treatments.

X. FOOD AND MARKETS.

The report of the Food and Market Inspector is appended.

The amount of foodstuffs generally passing through the markets was substantially the same as for the previous year. Wet fish sales showed a slight increase of about 1.7% by weight. The value of the foodstuffs increased by about 7% indicating a slight rise in prices.

Market revenues improved by approximately 5.5% over last year's figures but this was derived chiefly from the increased commission from the fish auctions in Clyde Terrace and Ellenborough Markets. This increased by $13,000 or just under 10%.

All markets were well patronised with the exception of Joo Chiat. Ever since it was opened it has suffered from the competition of unlicensed hawkers only too willing to bring their wares to the customers' doors. Late in the year it was reluctantly decided to close down the market altogether and turn the buildings to other uses. It is a pity, as it was a well designed building and centrally situated for a populous district. It is a curious thing but at least four applications have since been received to open private markets in this district.

In the markets approximately 50 tons of unsound foodstuffs, 12 tons being fish, were seized or surrendered. In shops and stores in the town 49,218 items were similarly treated. All were sent to the Incinerator for destruction.

FOOD SHOPS, ETC.

Licences were issued for:—

	1937	1936
Eating Houses	996	936
Coffee Shops	178	208
Soda Fountains	40	88
Meat & Fish Shops	157	147
Bakeries	22	22
Cake Shops	34	33
Biscuit Factories	5	5
Aerated Water Factories	8	9
Milk Vendors	213	194
Iced Water & Cold Drinks	48	33
Food Caterers	2	2
Food Shops	11	14

All were regularly inspected by the District Sanitary Inspectors.

XI. PLACES OF PUBLIC RESORT.

Theatres, Hotels, Public Houses, Schools, etc. were regularly inspected and the necessary reports submitted at the request of the various licensing authorities.

XII. SLAUGHTER HOUSES.

During the year 324,002 animals were slaughtered in the Municipal Abattoirs. They were as follows, 1936 figures being given for comparison:—

	1937	1936
Pigs	269,560	248,819
Sheep	32,510	34,917
Goats	4,463	3,432
Oxen	17,375	14,447
Buffaloes	94	84
Total	324,002	301,699

2,193 carcases were totally condemned, 2,004 being pigs, 47 sheep, 80 goats, 59 oxen and 3 buffaloes. Of the pigs 1,233 were suffering from Cysticercus Cellulosae, 317 from Pyrexia, 202 from Swine Fever and 21 from Tuberculosis. Of the oxen, 18 were suffering from Cysticercus Bovis, 18 from emaciation so pronounced as to be pathological and 16 from Tuberculosis.

There was evidence of tuberculosis in the carcases of 1,331 pigs and 184 oxen.

Total receipts from the Abattoirs were approximately $186,000 while the balance of income over expenditure was $84,700.

The number of animals slaughtered was the highest on record. And apropos of this I wish to record that in my opinion the Abattoirs are understaffed. During rush hours especially it is obvious from the number of animals slaughtered daily that the present five Meat Inspectors cannot possibly give the detailed investigation to carcases that modern standards demand. The staff must be increased, and generously increased, and I propose shortly to put forward exact recommendations to that effect.

The detailed report of the Superintendent is appended.

XIII. OFFENSIVE TRADES.

406 licences, 334 of them being for laundries, were issued during the year, the fees collected being $2,990.66. All these licensed premises were regularly inspected.

XIV. BURIAL GROUNDS.

There were 9,439 burials inside Municipal Limits during the year, the nationalities being as follows:—

Europeans	65
Eurasians	105
Chinese	7,249
Malays	1,386
Indians	610
Others	24
	9,439

There were 48 exhumations during the year, all carried out under the supervision of the Burial Ground Inspector. This officer also paid 1,305 visits of inspection to municipal and other cemeteries.

There were 121 cremations.

Of the total burials above, 8,589 took place in the 6 Municipal Cemeteries and the remainder in some of the 15 Private and 17 Public Cemeteries still in use.

XV. STAFF.

Dr. Dawson, my Deputy, left on retirement in March, much to the regret of all of us.

The vacancy was filled by the appointment of Dr. Morrison who arrived in the Colony in March.

Dr. Hutchinson returned from home leave in June.

Dr. Clark, Lady Medical Officer, went on home leave in April returning in November.

Mr. Benjafield, Chief Sanitary Inspector, went on home leave in April returning in December.

Mr. Willgress, Analyst, went on home leave in October.

Probationary Inspectors Holloway and Phipps were successful in obtaining the diploma of the Royal Sanitary Institute.

HEALTH OF MUNICIPAL SUBORDINATE STAFF.

The number of cases treated in the Head Office dispensary was 25,568. There were 562 sent to hospital and 292 to various clinics. 460 were treated by private practitioners. 57,267 days sick leave were granted, 28,718 dressings were applied and the daily attendances at the dispensary totalled 62,221.

The chief causes of invaliding were Influenza (8,278), Accidents and Injuries (3,407), Pyrexias (3,013), Bronchitis (1,391), Myalgia and Neuralgias (1,256) and Inflammations and Abscesses (1,082).

First attacks of Malaria totalled only 120.

With the increased labour force engaged by the Sewerage department for their new programme the work in the Dispensary was greatly increased, so much so that Dr. Thurai, the Medical Officer in charge, could not possibly overtake it. This necessitated the creation of the post of a temporary assistant, and Dr. John Fernandez, previously in Municipal service as Medical Officer in charge at Gunong Pulai construction works, was appointed.

XVI. GENERAL.

There were 4,307 notices including 1,571 intimations served during the year. 637 notices were brought forward from last year making a total of 4,944. Of these 3,022 were complied with, 134 were cancelled and 1,788 carried forward.

There were 46,482 visits of Inspection paid by the Sanitary Inspectors, 1,623 prosecutions, 1,416 convictions with fines imposed amounting to $3,508 while 81 prosecutions were withdrawn and 126 summonses could not be served.

The following reports and returns are appended:—

- Anti Mosquito Report.
- Report of the Analyst.
- Report of the Bacteriologist.
- Report of the Lady Medical Officer.
- Report of the Superintendent Middleton Hospital.
- Report of the Market Inspector.
- Report of the Superintendent Abattoirs.
- Chief Sanitary Inspector's returns.

In conclusion, I wish once again to tender my sincere thanks to every member of my very capable and willing Staff. In a world which to me, somehow, seems to become more impatient and more critical of the department's methods and aims, that Staff's assistance and loyalty is deeply appreciated.

I have the honour to be,

Sir,

Your obedient servant,

P. S. HUNTER,

C.B.E., M.A., M.B., Ch.B., D.P.H.,

Municipal Health Officer.

MUNICIPAL HEALTH OFFICE,

Singapore, 15th February, 1938.

The Municipal Health Officer,

Singapore.

Sir,

I have the honour to forward the following report on anti-mosquito measures carried out in the Municipal Area during the year 1937.

NEW ANTI-MALARIAL WORKS.

New works were carried out in the following areas:—

Area No. 140 Playfair Road Ravine.
" " 144 Hindoo Cemetery Ravine No. 1.
" " 145 Hindoo Cemetery Ravine No. 2.
" " 146 Mohammedan Cemetery Ravine.
" " 147 Woodsdale Ravine.
" " 148 Upper Serangoon Road Ravine.
" " 149 East Lynne Ravine No. 1.
" " 150 East Lynne Ravine No. 2.
" " 151 Hokien Cemetery Ravine No. 1.
" " 152 Hokien Cemetery Ravine No. 2.
" " 141 Thompson Road No. 2.
" " 142 Thompson Road No. 3.
" " 143 Kampong Potong Pasir.

AREA NOS. 140, 144, 145, 146, 147, 148, 149, 150, 151 & 152.

These areas comprise all the ravines in the hitherto undeveloped district bounded by Upper Seragoon Road, Paya Lebar Road, McPherson Road and Upper Aljunied Road.

The main ravine in this district is that of Playfair Road, which runs parallel to and takes its name from the road. The others are subsidiary ravines which join it.

The floor of Playfair Road Ravine is a wide flat valley approximately 2,000 yards long and 400 yards in width. From the floor of this large ravine the majority of the subsidiary ravines rise sharply.

Before the anti-malarial drainage work was carried out, the whole of the valley floor of the main ravine, and portions of the floors of some of the subsidiary ravines, were completely waterlogged and covered with a large number of ponds, in which A. hyrcanus and Culex mosquitoes were breeding in vast numbers. In the seepages at the heads of some of the subsidiary ravines A. maculatus larvae were also found.

Taking advantage of the newly constructed low level culvert, which runs beneath McPherson Road near its junction with Paya Lebar Road, a main earth ditch was cut through the whole length of the floor of the main ravine, parallel to Playfair Road. Leading into this, smaller earth ditches were cut where necessary, to drain the 74 ponds which then existed in the valley floor. Later, it was found possible to completely eliminate 36 of these ponds by raising the pond-beds with earth pared off from their banks.

Similar measures were adopted in all the subsidiary ravines, and later, the main earth ditches, leading from the heads of three of them, which were particularly prone to scour were made up as permanent concrete anti-malarial channels and subsoil pipes were laid to trap all dangerous outcropping seepages.

In the anti-malarial works carried out in the main and subsidiary ravines, the following lengths of earth ditches were cut, concrete channels and revetment slabs laid and subsoil pipes used to trap dangerous seepages;

AREA NO. 140 PLAYFAIR ROAD RAVINE.

2,508 yards of earth ditches.

AREA NO. 144 HINDOO CEMETERY RAVINE NO. 1.

218 yards of main earth ditches.

AREA NO. 145 HINDOO CEMETERY RAVINE NO. 2.

317 yards of main earth ditch, 430 linear feet of eighteen-inch concrete channels, 430 eighteen-inch by twenty-four-inch concrete revetment slabs and 167 linear feet of six-inch subsoil pipe.

AREA NO. 146 MOHAMMEDAN CEMETERY RAVINE.

210 yards of main earth ditch, 234 feet of eighteen-inch concrete channel, 488 eighteen-inch by twenty-four-inch concrete revetment slabs, 1,063 linear feet of eight-inch subsoil pipes, and 232 linear feet of four-inch subsoil pipes.

AREA NO. 147 WOODSDALE RAVINE.

630 yards of main earth ditches.

AREA NO. 148 UPPER SERANGOON ROAD.

100 linear feet of twenty-one-inch concrete channel, 316 linear feet of eighteen-inch concrete channel, 450 eighteen-inch by twenty-four-inch concrete revetment slabs.

AREA NO. 149 EAST LYNNE RAVINE NO. 1.

248 yards of main earth ditch.

AREA NO. 150 EAST LYNNE RAVINE NO. 2.

260 yards of main earth ditch.

AREA NO. 151 HOKIEN CEMETERY RAVINE NO. 1.

260 yards of main earth ditch.

AREA NO. 152 HOKIEN CEMETERY RAVINE NO. 2.

480 yards of main earth ditch.

AREA NO. 141 THOMPSON ROAD NO. 2.

This is a short ravine which drains into Thompson Road nearly opposite the entrance to McRitchie Reservoir. Before the anti-malarial work was carried out there were two ponds in the lower portion of the ravine floor and a few outcropping seepages higher up.

In view of the recent building developments in this area it was considered advisable to carry out permanent anti-malarial measures in the ravine.

The former earth drain, which did not run through the lowest portion of the valley floor, was filled in, and 350 yards of new earth ditch were cut. The water was drained from the two ponds and when the valley floor had dried out the newly cut earth ditch was replaced by an anti-malarial open invert channel. All outcropping seepages were trapped by subsoil pipes.

The permanent anti-malarial works carried out in this ravine entailed the laying of 964 linear feet of fifteen-inch concrete channel, 40 eighteen-inch revetment slabs, 106 feet of eight-inch subsoil pipe and 590 feet of four-inch subsoil pipe.

AREA NO. 142 THOMPSON ROAD NO. 3.

This is a short ravine which drains into Thompson Road near the junction of Mt. Pleasant Road.

Prior to anti-malarial work in this area there was a large fish pond which extended over the greater portion of the floor of the ravine. This pond was formed years ago by the erection of an earth bund across the floor of the ravine. The predominant Anopheline breeding in this pond was A. hyrcanus.

An opening was made in the bund to release the water and a shallow earth ditch 350 yards long was later constructed throughout the length of the floor of the ravine. As the land had not dried out sufficiently before the end of the year, the replacement of the earth ditch by a permanent anti-malarial channel had to be postponed.

AREA NO. 143 KAMPONG POTONG PASIR.

This area is situated between the Sungei Kallang near the junction of Kampong Potong Pasir Road and St. Michael's Road, and the Chinese Temple in Kim Keat Road.

This area is in reality only the lower portion of a very large ravine which runs in a north westerly direction and extends up to Thompson Road, to just inside the northern boundary of the Municipal area.

In the Kampong Potong Pasir area, there were numerous small and several very large ponds. The latter came into being many years ago when clay was being excavated for brick making in this district. During very high tides all these ponds were subjected to occasional tidal influence from the upper reaches of the Sungei Kallang. The result was that frequently the water in them became definitely brackish and served as vast breeding grounds for A. sundaicus. At times, in certain of these ponds, A. hyrcanus was also found breeding.

An automatic two foot tide gate was erected near the bank of the Sungei Kallang and leading to it a main earth ditch 700 yards long, was constructed and 1,060 yards of subsidiary branch drains were cut to drain off the water from the 64 smaller ponds. A special branch drain had to be made to drain the larger ponds.

As the majority of the ponds in this area are either very large or are sited on lowlying land, it was only possible to fill in and level off four of them during the year.

No attempt was made to drain the numerous ponds which still exist in the huge upper portion of the ravine. Activities were confined to the destruction of A. sundaicus breeding grounds only.

EXTENSIONS AND NEW WORKS IN EXISTING AREAS.

Area No. 118 Island Golf Club. The earth ditch in this area was replaced by an open invert anti-malarial drain with slab revetments.

Subsoil pipes were laid to trap outcropping seepages in which A. maculatus had been found breeding. In places, the existing subsoil pipe lines were extended.

2509 concrete revetment slabs (twenty-four-inch by eighteen-inch) 2334 feet of twenty-one-inch concrete channel and 22 feet of twelve-inch concrete channel were laid. 280 feet of eight-inch and 1502 feet of four-inch subsoil pipes were also laid.

AREA NO. 32 RADIN MAS.

In a special survey made in this area A. maculatus was found breeding in seepages along the right toe of the slope of the main ravine. These new breeding grounds had been caused by the activities of squatters.

At this time the drainage from the subsidiary ravine near the extreme head of the main valley, discharged through an earth ditch which ran along the toe of the right slope of the main ravine, until it reached the point where the drainage from the second subsidiary ravine joined it and both then discharged into the main concrete drain.

A new earth ditch was cut to discharge the drainage from the first subsidiary ravine direct into the concrete drain close to the head of the main ravine and a second short length of ditch was also laid to join up the other subsidiary ravine with the main drain by a more direct course. These newly made earth ditches were immediately replaced by anti-malarial open invert drains. Eight-inch subsoil pipes were laid in the old earth ditch which ran along the right toe of the main ravine and outcropping seepages were trapped by means of four-inch subsoil pipes discharging into the newly laid eight-inch subsoil pipe line or into the made up concrete drains. The new subsoil pipe lines and the old defunct drain were then covered in.

All the ravines in this area, including the main ravine and the seven subsidiaries are now permanently dealt with.

The work which was carried out in this area necessitated the laying of three concrete culverts, one eighteen-inch by ten-inch and two two-and-a-half-inch by thirteen-inch and also 400 feet of eighteen-inch concrete channel, 276 feet of twelve-inch concrete channel, 635 feet of nine-inch concrete channel and 463 eighteen-inch by twenty-four-inch concrete revetment slabs. 722 feet of eight-inch subsoil pipes and 1106 feet of four-inch subsoil pipes were also required.

AREA NO. 51 TANGLIN BARRACKS.

To enlarge the sports ground in this area the Royal Engineers found it necessary to cut into a rising portion of the ground adjoining Peirce Road. The subsoil pipe line, which had been laid some years before along the toe of the slope was removed and when the necessary cutting had been completed by the Royal Engineers an open invert anti-malarial type of drain was laid along the toe of the new cutting. 538 feet of fifteen-inch concrete channel and 525 eighteen-inch by twenty-four-inch revetment slabs were laid.

AREA NO. 100 ADAM PARK NO. 3.

The existing anti-malarial channel in this subsidiary ravine was extended to replace a portion of the subsoil pipe line which had proved to be inadequate.

838 feet of twelve-inch concrete channel, 26 feet of fifteen-inch concrete channel and 908 fifteen-inch by fifteen-inch revetment slabs were laid.

AREA NO. 108 BERLAYER VILLAGE NOS. 1 & 2.

As the Singapore Harbour Board are rapidly raising the floors of these ravines by extensive filling operations, 297 feet of existing anti-malarial type drain were removed from the floor of Bukit Berlayer Ravine No. 2 and as a safety measure, 230 feet of eight-inch subsoil pipes were laid in the bed of the former open drain prior to the extension of the filling operations to the floor of this ravine. 55 feet of four-inch subsoil pipes were used to trap a new seepage which outcropped at the head of the ravine. The filling operations in these ravines are still in progress.

Area No. 126 Temple Ravine.
„ „ 123 Kampong Limau Ravine.
„ „ 130 Mount Washington Ravine.
„ „ 124 Cemetery Ravine.
„ „ 125 Faber Ridge Ravine.
„ „ 121 Brick Factory Ravine.

These six anti-malarial areas are situated on the north side of Faber Ridge. Within the past few years, prior to the occupation of Faber Ridge by the Military Authorities, concrete anti-malarial open invert channels and subsoil pipe lines had been laid from the heads of these ravines down to the culverts beneath the railway line, which runs on the north of the Ridge. From these culverts the drainage is still carried in earth ditches to the Singapore River near Alexandra Road.

Owing to the extensive Singapore Improvement Trust reclamation scheme, necessitating hillcutting and filling operations near the toe of some of these ravines and due to pressure of work elsewhere, it has not been possible, within the past few years, to carry out any permanent anti-malarial works in the lower portions of these ravines.

As the Singapore Improvement Trust excavation and reclamation work was completed in some of these areas during the year it was found possible to carry out some permanent anti-malarial measures in the lower portions of these ravines.

During the year the following concrete channels revetment slabs and subsoil pipelines were laid in the lower portions of these ravines.

AREA NO. 126 TEMPLE RAVINE.

194 feet of eighteen-inch concrete channel, 188 twelve-inch by eighteen-inch concrete revetment slabs, 177 feet of six-inch and 619 feet of four-inch subsoil pipes.

AREA NO. 130 MOUNT WASHINGTON RAVINE.

322 feet of fifteen-inch concrete channel, 73 feet of eight-inch subsoil pipes and 420 feet of four-inch subsoil pipes.

AREA NO. 124 CEMETERY RAVINE.

1673 feet of four-inch subsoil pipes.

AREA NO. 125 FABER RIDGE RAVINE.

1506 feet of four-inch subsoil pipes.

AREA NO. 121 BRICK FACTORY RAVINE.

2811 feet of six-inch subsoil pipes.

AREA NO. 61 MANDAI QUARRY.

Some portions of the main anti-malarial channel were so eroded that it was found necessary to replace them by laying 216 feet of twenty-one-inch, 50 feet of eighteen-inch concrete channels, and 72 eighteen-inch by twenty-four-inch concrete revetment slabs. 20 feet of four-inch subsoil pipes were also laid.

AREA NO. 136 BOON TECK ROAD RAVINE.

The work of draining this ravine was continued throughout the month of January. Seventeen ponds were drained. Of the 49 ponds drained last year 30 were considerably reduced in size by filling with earth pared off the banks and 19 were completely filled.

AREA NO. 137 TAI GIN RAVINE.

Work in this area was continued during the year and 1400 yards of subsidiary earth drains were cut to provide drainage for 48 ponds in the floor of the valley.

AREA NO. 138 AH HOOD ROAD RAVINE.

The digging of earth ditches to drain the water from the 55 remaining ponds in this area was continued during the year. 1155 yards of main earth drains and 1762 yards of subsidiary drains were cut. Twelve ponds were filled in.

AREA NO. 133 KALLANG BASIN.

Work was continued in this area during the year. For the most part work was confined to the 190 acres of low lying land between the bund, Sims Avenue, Aljunied Road and McPherson Road. 137 ponds were partially filled with earth pared off from the sides and small earth drains were made through the centre of each to provide for the discharge of storm water into the main drains. All these main drains are controlled by automatic tide gates. In addition 14 other ponds were drained and 3,800 yards of subsidiary earth drain were cut.

Approximately 6 acres of low lying Municipal land off Aljunied Road were raised by earth filling.

The earth bunds constructed in 1936 required attention. 1012 yards of bund which had sunk were raised and 17 yards of new bund were constructed.

In some of the islands and in the Kallang Basin proper there are many dangerous depressions which still remain to be dealt with but this could not be done during the year as many of the land acquisitions on behalf of the Commissioners were not completed in time.

Mosquito trapping has been carried out continuously in this area since April 1936. Details are given in tabular form at the end of this report.

AREA NO. 139 KAMPONG WAK TANJONG.

Work was continued in this area during the year. 2244 yards of main earth drains and 1318 yards of subsidiary earth drains were cut. 92 ponds were drained and the floor level of 45 ponds raised.

The average number of A. sundaicus caught per month etc. in this area are shown in tabular form at the end of the report.

AREA NO. 135 KIM KEAT ROAD RAVINE.

To facilitate the filling in of the 10 acres of partially tidal ponds near Kim Keat Bridge which the Municipal Commissioners acquired for anti-malarial reasons, an eighteen-inch automatic tide gate was constructed in the bund between the ponds and the Sungei Whampoe and the bund was repaired and raised where necessary. The Town Cleansing Department commenced filling these ponds with refuse at the end of November.

AREA NO. 104 KATONG.

496 feet of twelve-inch open invert drains were laid in this area during the year.

Reclamation work in the tidal area west of the Geylang River was commenced by Government during the latter part of the year.

MINOR EXTENSIONS AND REPAIRS.

Minor extensions and repairs to existing areas called for the laying of 401 yards of twelve-inch, 193 yards of fifteen-inch, 592 yards of eighteen-inch, 388 yards of twenty-one-inch concrete channel, 89 fifteen-inch and 750 eighteen-inch concrete revetment slabs, 665 yards of four-inch, 330 yards of six-inch and 90 yards of eight-inch subsoil pipes.

OILING.

55970 gallons of anti-malarial mixture were used in spraying mosquito breeding places principally in the Geylang, Kallang and Sungei Whampoe area and the head of the Singapore River.

A reorganised system of oiling was brought into force during the year.

MAINTENANCE.

Routine maintenance consisting of clearing and grass cutting was carried out in all of the existing one hundred and fifty two anti-malarial areas.

MOSQUITO SURVEYS.

Systematic surveys of the Municipal Area were regularly carried out and 4,878 collections of mosquito larvae were examined and identified in the laboratory.

Collections of adult mosquitos were made during the year by means of mosquito traps. 708 male and 8,279 female Anopheline mosquitos were caught. Of these, 2,048 females were dissected and examined for malarial infection.

Two **Anopheles sundaicus**, one trapped in March and one in April, were found infected in the mid-gut. Two **Anopheles hyrc: sinensis**, one trapped in September and one in October, were found infected in the mid-gut. No salivary gland infection was found.

GENERAL ANTI-MOSQUITO WORK.

283,799 yards of earth drains were cleared and regraded by patrol gangs, and these gangs collected and disposed of 7956 large baskets of empty tins.

588 notices under the Destruction of Mosquitoes Ordinance were served during the year.

CONTROL OF DOMESTIC MOSQUITO BREEDING.

Mosquito larvae were found in 6569 houses and compounds or 14.13 per cent. of all houses inspected by Sanitary Inspectors.

124 complaints regarding nuisance from mosquitos were investigated and mosquito breeding was found on the complaints' premises in 52 instances and on the property of the neighbours in 72 instances.

I have the honour to be,

Sir,

Your obedient servant,

N. A. CANTON,

Deputy Health Officer.

KATONG SEA FRONT.

1936				1937			
Month.	Number.	Month.	Number.	Month.	Number.	Month.	Number.
January ..	17.0	July ..	0.6	January ..	0.7	July ..	0.0
February ..	10.4	August ..	1.1	February ..	0.5	August	0.04
March ..	0.2	September .	3.0	March ..	1.9	September ..	0.5
April ..	1.4	October ..	0.6	April ..	2.7	October .	0.2
May ..	1.8	November ..	1.8	May ..	1.0	November ..	1.2
June ..	1.3	December ..	2.6	June ..	0.1	December ..	0.7

KATONG SEA FRONT.

1936						1937					
Months.	Max.	Min.	Months.	Max.	Min.	Months.	Max.	Min.	Months.	Max.	Min.
January ..	54	1	July ..	3	0	January ..	3	0	July ..	0	0
February ..	81	0	August ..	6	0	February ..	3	0	August ..	1	0
March .	1	0	September ..	27	0	March ..	8	0	September ..	3	0
April ..	10	0	October ..	2	0	April ..	10	0	October ..	3	0
May ..	11	0	November ..	11	0	May ..	5	0	November ..	4	0
June ..	5	0	December ..	9	0	June ..	3	0	December ..	4	0

KALLANG BASIN POND AREA.

1936				1937			
Months.	Number.	Months.	Number.	Months.	Number.	Months.	Number.
January ..	No trapping	July ..	5.5	January ..	0.1	July ..	0.2
February ...	No trapping	August ..	2.7	February ..	0.1	August ..	0.2
March ..	No trapping	September ..	6.6	March ..	0.0	September ..	0.3
April ..	13.2	October ..	1.1	April ..	0.8	October ..	0.3
May ..	18.1	November ..	1.0	May ..	2.2	November ..	0.3
June ..	No trapping	December ..	No trapping	June ..	0.5	December ..	0.1

KALLANG BASIN POND AREA.

1936						1937					
Months.	Max.	Min.	Months.	Max.	Min.	Months.	Max.	Min.	Months.	Max.	Min.
January ..	No tra	pping	July ..	12	0	January ..	1	0	July ..	2	0
February ..	No tra	pping	August ..	9	0	February ..	1	0	August ..	3	0
March ..	No tra	pping	September ..	21	0	March ..	0	0	September ..	2	0
April ..	14	10	October ..	5	0	April ..	4	0	October ..	3	0
May ..	27	3	November ..	3	0	May ..	8	0	November ..	1	0
June ..	No tra	pping	December ..	No tra	pping	June ..	2	0	December ..	1	0

LORONG 29 GEYLANG ROAD.

1936				1937			
Months.	Number.	Months.	Number.	Months.	Number.	Months.	Number.
January ..	No trapping	July ..	No trapping	January ..	0.0	July ..	0.0
February ..	„	August ..	No trapping	February ..	0.1	August ..	0.0
March ..	„	September ..	11.4	March ..	0.1	September ..	0.0
April ..	„	October ..	8.1	April ..	0.3	October ..	0.0
May ..	„	November ..	0.5	May ..	0.2	November ..	0.0
June ..	„	December ..	0.2	June ..	0.0	December ..	0.0

LORONG 29 GEYLANG ROAD.

1936						1937					
Months.	Max.	Min.	Months.	Max.	Min.	Months.	Max.	Min.	Months.	Max.	Min.
January ..	No tra	pping	July ..	No tra	pping	January ..	0	0	July ..	0	0
February ..	,	,	August ..	,	,	February ..	1	0	August ..	0	0
March ..	,	,	September ..	34	2	March ..	2	0	September ..	1	0
April ..	,	,	October ..	21	0	April ..	2	0	October ..	0	0
May ..	,	,	November ..	3	0	May ..	2	0	November ..	0	0
June ..	,	,	December ..	1	0	June ..	0	0	December ..	0	0

Chemical Laboratory,

Singapore, 24th February, 1938.

The Municipal Health Officer,

Singapore.

Sir,

I have the honour to present the thirty-first Annual Report of the Chemical Department, on the work done during the year 1937.

The total number of samples analysed during the year was 16,451, and these samples can be classified as follows:—

Public Water Supply	Routine samples from Singapore Island	6,098
	Routine samples from Johore ..	2,683
Sewage Purification	Routine and special samples from Sewage Purification Works ..	3,893
	Samples from House Installations..	476
Foods, Drugs and Miscellaneous Samples	From the Health Department ..	2,162
	,, ,, Engineering and Sewage Departments ..	202
	,, ,, Electrical Department ..	510
	,, ,, Water Department ..	43
	,, ,, Gas Department ..	384
		16,451

This total is the highest since the year 1931 and represents an increase of approximately 16½% on the previous year. The increase is chiefly in the routine and special samples in connection with sewage purification, but the numbers of routine water samples and Health Department samples are both considerably higher.

MUNICIPAL WATER SUPPLY.

The sources of supply of raw water are Peirce and MacRitchie impounding reservoirs on Singapore Island, and Sultan Ibrahim and Pontian impounding reservoirs in Johore. The Johore supplies were treated at Pulai and the Island supplies at Woodleigh. From the middle of July the Bukit Timah Road plant was also used for the Island supplies.

An average of 18,938,000 gallons of water per day was consumed, an increase of over 11% on the average for 1936. 55% of this water was taken from the Johore reservoirs and 45% from those on Singapore Island.

The characters of the raw waters from all the impounding reservoirs are very similar. All the waters are very soft, and very faintly acid, the "PH value" ranging from 6.2 at Peirce reservoir to 6.8 at Pontian Ketchil. Solids in suspension range from three to six parts per million, and total solids from 27 to 43 parts per million. Once more Pontian Ketchil contained the highest amount of organic matter, but as usual, all the supplies were found to be free from harmful contamination throughout the year.

The same methods of treatment, with slight modifications in the amounts of chemicals used, have been found satisfactory. The Johore water is treated at Pulai, being first aerated, and then dosed with powdered limestone and sulphate of alumina solution. The precipitated solids are then allowed to settle out in sedimentation tanks, through which the water flows very slowly, and the clarified water is passed through rapid sand filters, being finally treated with lime to neutralise its rather acid character after filtration. The experiment of adding the lime before filtering was discontinued early in the year, as it was found that under some circumstances this treatment allowed a small amount of dissolved alumina to be carried through the filters. The water is finally chlorinated, the average dose throughout the last year being 0.11 parts per million.

The Island supplies are treated with lime and filtered on slow sand filters, the action of which depends chiefly on the formation of a film of organic matter on the sand. This film acts as an extremely efficient filter in the removal of particles of microscopic proportions. The average dose of chlorine used in this water was 0.29 parts per million.

The mixed water which reaches the town is checked by regular analyses of tap water taken from taps in use in three different parts of Singapore. The chemical quality and physical characteristics of the water were excellent.

The samples received daily for analysis were drawn from every part of the purification system. The averages and ranges of analyses of the various raw waters are shown in detail in TABLE A at the end of this report, while TABLE B gives the complete analyses (averages of monthly samples) of two tap supplies.

SEWAGES, EFFLUENTS ETC. FROM THE SEWAGE DISPOSAL WORKS.

The whole of the sewage, with the exception of that treated in house installations, was dealt with at Alexandra Road Disposal Works. The nightsoil is now collected at the Albert Street and Peoples Park stations and pumped through a pipe line to the Disposal Works for separate treatment. This system was begun early in the year, and since the first week in June the whole of the nightsoil (about 1,167,000 gallons per month) has been dealt with in this way. The average daily volume of sewage treated was 5,628,000 gallons, an increase of about 5.4% on the previous year, but thanks to the separation of the nightsoil the "strength" of the sewage was considerably lower.

The nightsoil is now treated by a digestion process. It is admitted to primary digestion tanks after mixing with the sludge from the Dorr and upward flow tanks and with "seeding sludge," that is, sludge well in process of digestion taken from the lower part of the primary digestion tanks. The sludge from these primary digestion tanks undergoes a further period of digestion in secondary tanks from which it passes to the sludge drying beds. The liquid effluent or "topwater" from both primary and secondary digestion tanks is led into the incoming water-borne sewage as it enters the detritus tanks. As a great deal of scum is formed in these digestion tanks, it is difficult to obtain a good top-water from them, and the liquid is very high in suspended matter. Experiments are now in hand to determine the most suitable level for drawing off the liquid and to investigate means of reducing the solid matter in it.

The detritus tanks are designed to take out the heavier particles of mineral matter from the sewage, which passes on into sedimentation tanks, comprising one "Dorr" tank of capacity 480,000 gallons and six "Upward flow" tanks of total capacity 300,000 gallons. Part of the effluent from these sedimentation tanks is treated in the experimental bio-flocculation unit before filtration, and the remainder passes direct to the filters.

The detritus and sedimentation tanks reduced the suspended matter in the crude sewage from 30.5 to 15.35 parts per 100,000, but these figures are far from representing the actual efficiency of the system. Due to the clots of sludge and scum, the analyses of the crude sewage-top water mixture entering the detritus tanks gave very erratic and unreliable figures. The effluent from the detritus tanks contained roughly 40 parts per 100,000 of suspended matter, so that the Dorr and upward flow sedimentation tanks abstracted 61.6% of the solid matter from the liquid treated in them. The solid matter in the tank effluent was reduced to 15.35 parts per 100,000 from last year's 17.7, showing an immediate result from the separate nightsoil treatment.

The Dorr tank treated 55% of the sewage, abstracting 60.0% of the suspended matter, and the upward flow tanks 45%, abstracting 63.5%. Taking into account the relative capacities, the ratio of the period of sedimentation in the Dorr and upward flow tanks is 1.3 to 1. Thus, a smaller proportion of solids settled out in the Dorr tank, in spite of 30% longer sedimentation.

The percolating filter beds again worked satisfactorily through the year, producing an even better effluent, with a much lower oxygen demand, than in the previous year.

The bio-flocculation unit treated approximately 8.3% of the effluent from the sedimentation tanks. The action of this unit consists of mixing the sewage with a certain proportion of sludge from previous running, in which the various biological factors have been brought to a state of high activity by aeration. This activated sludge rapidly infects the matter in the incoming liquid, and the resulting fermentation produces a rapidly settling sludge and a much cleaner effluent, which can be filtered on the percolating filter beds at a considerably higher rate than the sedimentation tanks effluent. The plant abstracted 64.8% of the solid matter from the sewage with which it dealt, giving an effluent containing 5.4 parts of suspended matter per 100,000.

TABLES C and D attached give the averages and ranges of the analyses carried out on sewages and effluents from various parts of the purification plant.

SEWAGE EFFLUENTS FROM HOUSE INSTALLATIONS.

Excluding the Military and Government installations, which the Municipality does not inspect, there were 109 purification plants in use, including three maintained by the Singapore Harbour Board. All these plants were inspected and sampled at regular intervals (in most cases four times during the year) and the following averages of the analyses carried out show what excellent effluents were obtained.

Parts per 100,000	Effluent from 106 Municipally controlled House purification plants
Free and saline ammonia	0.76
Albuminoid ammonia	0.12
Oxygen absorbed in 4 hours	0.66
Suspended matter	1.9
Chlorides as chlorine	3.5
Nitrates	1.7

SAMPLES FROM THE HEALTH DEPARTMENT.

The total number of samples analysed was 2,162. These were obtained from various sources, including the Sanitary Inspectors of the Health Department and members of the laboratory staff. 1,014 samples were examined in connection with the Sale of Food and Drugs Ordinance. and 1,148 came under miscellaneous headings as follows:—

Well and pond waters	102
Swimming pool waters	669
Water from abattoirs	106
Other waters	233
Distilled water	4
Brine	1
Blood	14
Urinary calculus	1
Casein	1
Peptone	5
Grass	2
Organic liquids	2
Antimalarial mixtures	2
Insecticides	2
Disinfectants	1
Soda ash	2
Gas from tinned products	1
	1,148

The well and pond waters were chiefly from crudely constructed earth wells, and with very few exceptions were found to be polluted with sewage matter. The swimming pool waters were examined regularly, samples being taken in some cases daily and others weekly from the Mount Emily, Y.M.C.A., Tanglin Club and Swimming Club pools. The insecticides were examined for solubility, and solutions of definite concentrations were made up and supplied to the antimalarial department.

The following table gives the details of samples analysed under Ordinance 191 and the Regulations under the Ordinance.

FOOD AND DRUGS SAMPLES.

SAMPLE	OFFICIAL		INFORMAL		Total
	Satis-factory	Unsatis-factory	Satis-factory	Unsatis-factory	
Milk and Milk Products:					
Fresh milk from itinerant hawkers	163	76	..	1	240
Fresh milk from retail shops and dairies	..	..	47	5	52
Reconstituted milk	..	..	32	11	43
Tinned natural milk	..	2	6	2	10
Evaporated milk	1	..	18	6	25
Sweetened condensed milk ..	..	..	40	..	40
Butter	..	..	20	4	24
Ghee	..	..	12	..	12
Ice Cream	..	..	2	2	4
Milk drinks	..	..	8	..	8
Invalid foods	..	..	..	2	2
Other Foods:					
Margarine	..	..	11	5	16
Edible oils and fats	..	..	27	..	27
Flour	..	..	9	..	9
Rice	..	..	21	..	21
Sago	..	..	12	..	12
Sugar	..	..	7	..	7
Sweets	..	..	1	..	1
Dhall	..	..	15	..	15
Chicory	..	..	1	..	1
Turmeric	..	..	8	1	9
Water	..	..	10	..	10
Curry stuffs	..	..	23	4	27
Tinned green peas	..	..	1	4	5
Tinned vegetables	..	..	25	8	33
Tinned fruits	..	..	14	2	16
Tinned fish	..	..	1	2	3
Beverages:					
Aerated water from fountains ..	..	..	137	61	198
Soda water from factories ..	1	1	44	7	53
Beer	..	..	17	..	17
Champagne	..	..	2	..	2
Vermouth	..	..	1	..	1
Pineapple juice	..	..	6	..	6
Grape juice	..	..	1	..	1
Drugs:					
Face powder	..	..	36	..	36
Native medicines	..	..	3	..	3
Prescriptions	..	..	1	1	2
Aspirin	..	..	9	..	9
Tincture of iodine	..	..	7	4	11
Glycerine	..	..	3	..	3
	165	79	638	132	1014

The proportion of adulterated milk samples from itinerant vendors shows an increase this year, although the average extent of adulteration is rather less. The following table summarises the results of the analyses carried out on these samples.

ANALYSES OF MILK SAMPLES BOUGHT FROM ITINERANT HAWKERS.

	Number of samples	239
Deficient in non-fatty solids (i.e. with added water)	Number	71
	Percentage	29.7
	Range of deficiency ..	0.6% to 39.4%
	Average deficiency ..	10.45%
Deficient in fat	Number	8
	Percentage	3.3
	Range of deficiency ..	1.5% to 46.15%
	Average deficiency ..	15.95%

Three samples were deficient in both non-fatty solids and fat, making the total number of samples below standard 76, or 31.8%. Certificates for prosecution purposes were made out in 47 cases but no action was taken in 29 cases where it appeared possible that the milk itself was abnormal rather than adulterated. The milk from the retail shops was on the whole satisfactory, although it appears that there are occasional periods when the milk drops slightly below standard. The average deficiency of the unsatisfactory samples being only 0.8%, no action was taken beyond notifying the firms concerned.

The reconstituted milk was unsatisfactory, although not seriously so, on several occasions. This it is understood was due to changing over on to a new machine. The quality is now satisfactory, and a regular check is being kept on this product. Butter and margarine samples were satisfactory apart from the presence of a small amount of preservative in some cases. Two samples advertised as "ice-cream" did not contain 10% of butter fat. The advertisers agreed to label the goods without reference to ice-cream, and thus came within the Regulations. The tins of invalid foods carried misleading descriptions of the contents on the labels.

The turmeric, curry stuffs (purchased from Indian Eating Houses as bowls of various curries) water and tinned goods were examined for metallic contamination. Serious contamination with lead was found in one or two cases, and slight contamination with lead, tin and copper in others. One or two rather acid curry mixtures have the property of dissolving lead from the "tinned" utensils in which they are made, showing the unsuitability of this type of container in the preparation of foods. The following standards were used for tinned products and foodstuffs in general.

Tin, not more than 2 grains per pound.
Lead, not more than 0.05 grain per pound.
Copper, not more than 0.5 grain per pound.

For water and liquids consumed in large quantities the limit adopted was one-tenth of the above.

The aerated waters from the small fountains occasionally rose slightly above this limit for lead, but in general a thorough cleansing and flushing of the machine produced satisfactory results. In one or two cases alterations had to be made and various parts of the machine replaced before a lead free water was obtained.

The local water, being soft, has a pronounced solvent action on lead, and this is greatly accentuated when the water contains carbon dioxide gas under pressure. For this reason, no lead piping can be used in water supplies for drinking purposes, and all the small soda fountains and kiosks are regularly inspected and samples taken. The factories producing bottled soda water are also inspected. These were found last year to be satisfactory, apart from the fact that some manufacturers used less sodium bicarbonate than the 5 grains per pint required by the Regulations.

The drug samples need little comment. Not a single face powder was found containing lead this year. One prescription was deficient in one of the minor constituents, but was otherwise satisfactory. As usual, tincture of iodine was carelessly dispensed, only two out of eleven samples being within the B.P. limits. Five more were within 10% of the correct figures, and four were even further out. One was practically twice the strength required by the Pharmacopoeia in both iodine and potassium iodide.

Samples were analysed and reported on to other departments as shown in the following table:—

SAMPLES	Water Dept.	Electrical Dept.	Engineering & Sewage Dept.	Gas Dept.	Total
Various waters ..	..	1	52	2	55
Various earths, sludges, deposits, etc. ..	6	2	1	..	9
Sand	4	..	56	..	60
Concrete, cement ..	..	..	37	..	37
Granite	..	..	4	..	4
Bitumen, asphalt ..	..	..	2	..	2
Coal	10	503	16	49	578
Coke	..	..	..	288	288
Riddlings	..	2	..	..	2
Sawdust	..	..	1	..	1
Flue dust	..	1	2	..	3
Fuel oils, lubricating oils ..	..	..	26	3	29
Lime	18	..	..	..	18
Sulphate of alumina ..	5	..	..	..	5
Bleaching powder .. .	..	..	1	..	1
Spent oxide	..	..	..	21	21
Tar acids	..	..	..	3	3
Gases	..	..	2	18	20
Glazed pipe	..	..	1	..	1
Special fuse	..	1	..	..	1
Special gauge	..	..	1	..	1
	43	510	202	384	1,139

The Municipal Analyst, Mr. R. E. Willgress, proceeded on home leave in October, since when the writer has been in charge of the laboratory.

I have pleasure in recording my thanks to the laboratory staff for their loyal and willing co-operation with Mr. Willgress and myself in routine and research analyses throughout the year.

I have the honour to be,

Sir,

Your obedient servant,

J. F. CLARK,

M.Sc., D.I.C., A.R.C.S., F.I.C.,

Acting Municipal Analyst, Singapore.

TABLE A.

Averages and Ranges of Monthly Analyses of Singapore and Johore Raw Waters for 1937.

PARTS PER MILLION.	MacRitchie Reservoir		Peirce Reservoir		Sultan Ibrahim Reservoir		Pulai III Catchment		Pontian Ketchil Reservoir	
	Range.	Average.	Range.	Average.	Range.	Average.	Range.	Average.	Range.	Average.
Total solids dried at 180°C	24.0/46.4	30.9	21.6/29.2	26.9	32.4/45.6	38.2	27.2/47.2	34.4	34.0/62.0	43.1
Organic Matter ..	10.4/36.0	19.1	11.6/23.2	16.8	11.2/22.4	16.3	5.6/21.6	12.5	14.8/38.0	22.5
Mineral Matter ..	4.8/17.6	11.8	4.8/15.2	10.1	16.0/30.0	21.9	13.2/38.4	21.9	14.4/40.4	20.6
Total solids in suspension ..	1.2/12.4	6.0	1.2/8.4	3.6	Nil/8.4	3.6	Nil/18.4	4.2	1.2/8.0	3.0
Free and Saline Ammonia .	Nil/0.02	0.01	Nil/0.02	0.01	Nil/0.18	0.05	Nil/0.06	0.02	Nil/1.4	0.04
Albuminoid Ammonia ..	0.02/0.10	0.05	0.02/0.10	0.06	0.03/0.16	0.07	0.01/0.07	0.03	0.02/0.16	0.10
Nitrites as Nitrogen ..	....	Absent	....	Absent	....	Absent	....	Absent	....	Absent
Nitrates as Nitrogen ..	....	Absent	....	Absent	....	Absent	....	Absent	....	Absent
Oxygen absorbed in 3 mins.	0.15/0.34	0.22	0.20/0.35	0.28	0.10/0.35	0.26	0.13/0.38	0.25	0.18/0.56	0.41
Oxygen absorbed in 4 hours	0.34/0.75	0.57	0.58/1.05	0.85	0.64/0.89	0.80	0.49/0.90	0.69	1.05/1.44	1.24
Chlorides as Chlorine ..	0.5/2.0	1.5	0.5/2.0	1.5	1.0/3.0	2.1	0.5/2.5	1.7	1.0/2.0	1.3
Iron ..	0.60/1.00	0.80	0.45/0.80	0.63	0.30/2.20	0.72	0.30/0.95	0.47	0.55/1.30	0.77
Reaction—PH Value ..	6.1/6.7	6.4	5.9/6.4	6.2	5.9/6.9	6.4	6.0/7.0	6.4	6.4/7.1	6.8
Alkalinity (as $CaCO_3$) ..	2.0/5.0	3.2	1.0/4.0	2.6	5.0/7.5	5.9	4.0/11.0	5.3	6.0/9.5	7.8
Carbon Dioxide ..	1.0/4.0	2.1	1.0/4.0	1.9	1.5/8.0	5.2	2.5/5.5	4.3	1.0/6.5	2.6
Colour in Lovibond 2 ft. Tintometer: 1. Yellow ..	5.3/10.0	7.2	3.7/6.8	5.3	1.8/14.0	5.0	2.0/4.2	2.6	3.5/9.0	5.7
2. Red ..	1.0/2.2	1.6	0.7/1.8	1.3	0.3/4.5	1.3	0.3/1.2	0.7	0.8/2.3	1.5
3. Blue ..	0.1/0.6	0.3	0.1/0.6	0.3	0.1/0.5	0.2	0.1/0.6	0.2	0.1/0.5	0.3

TABLE B.

Averages and Ranges of Monthly Analyses During 1937 of Singapore Tap Supply.

PARTS PER MILLION.	HAVELOCK ROAD TAP SUPPLY.		COLEMAN STREET TAP SUPPLY.	
	Range.	Average	Range.	Average
Total Solids dried at 180°C	35.6/56.0	43.8	35.6/56.4	42.7
Organic Solids ..	10.8/19.6	14.9	7.2/18.8	13.3
Mineral Matter ..	22.8/42.4	28.9	24.0/46.0	29.4
Total Solids in Suspension	Nil/7.2	4.8	0.4/18.0	2.6
Free and Saline Ammonia	Nil/0.02	0.01	0.01/0.02	0.01
Albuminoid Ammonia .	0.01/0.06	0.03	0.01/0.06	0.03
Nitrites as Nitrogen .	....	Absent	....	Absent
Nitrates as Nitrogen ..	....	Trace	....	Absent
Oxygen absorbed in 3 mins.	0.07/0.17	0.11	0.03/0.13	0.09
Oxygen absorbed in 4 hours	0.14/0.38	0.27	0.17/0.34	0.27
Chlorides as Chlorine ..	0.5/2.0	1.5	1.0/3.0	1.8
Iron ..	0.05/0.18	0.12	0.05/0.20	0.14
Reaction—PH Value ..	6.9/7.6	7.2	6.9/7.5	7.0
Alkalinity (as $CaCO_3$) ..	11.0/16.0	13.9	12.0/16.0	13.1
Carbon Dioxide ..	1.0/2.5	1.5	1.0/3.5	2.2
Colour in Lovibond 2 ft. Tintometer: 1. Yellow ..	0.7/1.2	0.9	0.7/1.3	0.9
2. Red ..	0.1/0.1	0.1	0.1/0.1	0.1
3. Blue ..	0.1/0.8	0.3	0.1/0.8	0.3

TABLE C.

Average of Daily Analyses of Crude Sewage and Effluents from Alexandra Road Works during 1937.

PARTS PER 100,000	AMMONIA		Oxygen absorbed in 4 hours	Suspended Matter	Nitrates as Nitrogen	Chlorides as Chlorine	Dissolved Oxygen Absorbed in 3 Days	P.H. Value
	Free	Albuminoid						
Crude Sewage	4.8	1.0	7.66	30.5	..	21	....	6.7
Dorr Tank Effluent	6.4	0.9	5.82	16.0	..	23	....	7.0
Upward Flow Tanks Effluent	6.6	0.9	5.57	14.6	..	24	....	7.0
Calculated Average Tank Effluent ..	6.5	0.9	5.71	15.35	..	23.5	....	7.0
Bio-Flocculation Effluent	6.2	0.7	3.10	5.4	..	24	....	7.3
Humus Tanks' Effluent:								
From Blocks A, B & E ..	0.92	0.14	1.13	2.1	1.75	24	1.12	..
From Blocks C & D ..	1.11	0.15	1.18	2.0	0.45	23	1.40	..

TABLE D.

Ranges of Daily Analyses of Crude Sewage and Effluents from Alexandra Road Works during 1937.

PARTS PER 100,000	AMMONIA		Oxygen absorbed in 4 hours	Suspended Matter	Nitrates as Nitrogen	Chlorides as Chlorine	Dissolved Oxygen absorbed in 3 days	P.H. Value
	Free	Albuminoid						
Crude Sewage	3.0/8.0	0.4/2.2	5.00/14.50	17.3/68.0	..	8/168	....	6.5/6.9
Dorr Tank Effluent	3.2/9.9	0.4/1.8	2.65/9.85	8.5/32.2	..	10/94	....	6.7/7.3
Upward Flow Tanks Effluent	3.2/10.5	0.2/1.8	2.95/8.15	7.0/27.7	..	11/82	....	6.8/7.3
Bio-Flocculation Effluent	3.6/12.0	0.2/1.4	1.28/5.24	1.4/10.2	..	12/80	....	7.1/7.5
Humus Tanks' Effluent:								
From Blocks A, B & E ..	0.20/1.60	0.04/0.28	0.71/3.40	0.8/6.0	0.5/2.6	12/83	0.53/3.08	..
From Blocks C & D ..	0.32/2.80	0.04/0.32	0.49/2.94	0.7/4.8	0.1/1.0	12/70	0.40/2.74	..

BACTERIOLOGICAL LABORATORY,
Singapore, 19th February, 1938.

THE MUNICIPAL HEALTH OFFICER,
SINGAPORE.

Sir,

I have the honour to present the report of the Bacteriological Laboratory for 1937.

I. PUBLIC HEALTH SPECIMENS.

Malaria:—Five thousand, nine hundred and twenty-five blood films were examined. This is 3,302 less than last year. Malaria parasites were found in 666 films or 11.2 per cent. There were 268 subtertian infections, 392 benign tertian, 1 quartan, and 5 mixed infections (subtertian & benign tertian). Fifty-three positive films came from the Water Works in Johore, 218 came from the Health Department, i.e. from Municipal employees or patients at Middleton Hospital, and 395 were received from practitioners. Four films were taken from bodies after death and in one of these subtertian parasites (crescents) were found. This practice of taking films from dead bodies was stopped early in the year.

Tuberculosis. Human specimens:—1,625 speciments of sputum were received in 312 of which the tubercle bacillus was demonstrated. Six specimens of faeces, 2 of urine, 4 of pus, 2 of pleural fluid, and 25 of cerebro-spinal fluid were also examined, and tubercle bacilli were found in 1 urine and in 2 cerebro-spinal fluids.

Milk:—58 samples were examined microscopically but acid fast bacilli were not found in any of them.

Animals:—Nine specimens of organs from pigs killed at the abattoirs were examined and tubercle bacilli were found in 1 lymph node, 2 spleens, and 2 specimens of lung. Typical histological pictures were also obtained in sections. Four specimens were examined from bullocks and all were positive, 3 being lymph nodes, and 1 a portion of lung. In one case the diagnosis was confirmed by inoculation into a guinea pig.

Typhoid & Paratyphoid Fevers. Two hundred and forty-two sera were tested against the Eberth. typhi of which 63 gave a positive reaction. Two hundred and eleven tested against Sal. para-typhi (B. para A) gave only 1 positive, and 211 tested against Sal. schottmuleri (B. para B) gave 8 positives. Thirty-nine samples of blood, or blood clot, were cultured and from 1 the Eberth. typhi was isolated in culture. One hundred and six specimens of faces were examined and the Eberth. typhi was isolated from 3. Thirty-five specimens of urine, 12 of water, 19 of ice water, 28 of wash water, 24 of ice cream, and 1 of milk were examined, all with negative results.

In connection with the examination of water some interesting experiments were made. In order to be sure that the negative results obtained were trustworthy, and the techniques used capable of revealing the presence of Eberth. typhi in water, control samples were inoculated with known numbers of the organism and examined by the same techniques. In every case the result was failure to recover the organism, though known to have been added and viable at the time. Specimens of tap water and distilled water were then **sterilized** and inoculated with enormous numbers of Eberth. typhi while others were inoculated with equally large numbers of " B.coli." In successive experiments it was found that nearly all the Eberth. typhi had died, or were at any rate rendered incapable of multiplying within 24 hours, in the sterilized tap water, and no growth could be obtained from it at all after 3 days, while no effect was produced on the B.coli. From the distilled water both Eberth. typhi and B.coli could be recovered easily. The effect was not due to bacteriophagy nor to the presence of free chlorine nor to demonstrable chloramines. However just as one was being convinced that the phenomenon was really worth investigating further samples of tap water lost the power of preventing growth, for the large numbers of Eberth. typhi added could be easily obtained up to 4 days.

Dysentery.

Amoebic:—1,742 specimens of faeces were examined in 53 of which the E.histolytica was found. E.coli was present in 14 and E.nana in 1.

Bacillary:—367 specimens were cultured and the B.dysenteriae of Flexner was isolated from 4 and Hiss and Russel's bacillus from 15.

Cholera:—Nine specimens were examined all negative. These all came from 1 patient at Middleton Hospital who was suspected of having Cholera. He was actually suffering from food poisoning. During September when there was anxiety about Cholera being introduced from China, 2,100 doses of Cholera vaccine were prepared from strains isolated at Penang and St. Johns Island, for which I am indebted to the Government Pathologist. The laboratory staff and the staff at Middleton Hospital were inoculated against Cholera, and fresh stocks of bacteriophages prepared. The laboratory strains of bacteriophages for dysentery and typhoid were also re-examined at the same time.

Plague.

Human:—2 specimens were received, both negative.

Rats:—3,881 rats were dissected but none were infected with Plague. One thousand, one hundred and thirty came from the Port Area and Ships, and 2,751 were caught in the town. The species and distribution is shown in the following table.

Source	R. Decumanus		R. Rattus		R. Concolor		Musculus		Croci-dura	Total
			M	F	M	F	M	F	M	F
Ports & Ships	105	161	295	432	21	36	2	2	76	1,130
Town ..	762	1,566	52	69	77	115	4	12	94	2,751
	867	1,727	347	501	98	151	6	14	170	3,881
	2,594		848		249		20			

The ratio of decumanus to rattus in town and port area, and of males to females remain much as in past years. Fourteen per cent of the females caught in the Port Area were pregnant and thirteen and a half per cent in the town. In the Port Area the months with the lowest percentage of pregnant females were March and April with none pregnant while the highest percentage, 35, was in September. In the town the lowest percentage was in April and the highest in June and August with 20 and 19.2 per cent respectviely. Blood films from 3,056 rats were examined for Trypanosoma lewisi which was present in 704.

Fleas:—Seven thousand and eight fleas were caught or 181 per hundred nearly twice the index of last year. The index for the Port Area was 93, a little more than half last year, while in the town it was 216, more than twice that of last year.

Cerebro-Spinal Fever:—Sixty-nine specimens of Cerebro-spinal fluid were received in 27 of which the meningococcus was demonstrated. In one the pneumococcus was found, and in two the H. influenzae was found in culture.

Diphtheria:—Two thousand, two hundred and thirty-five specimens were examined and the C. diphtheriae isolated in 461. Virulence tests were done on 80 cultures of which 42 were virulent.

Leprosy:—Eighty-five smears were examined of which 38 were positive.

Miscellaneous specimens included:—

414	specimens of	urine for general examination (1).
65	,,	pathological exudate for general examination.
810	,,	pus for gonococci (165 positive).
9	,,	urine for gonococci (1 positive).
6	,,	serum for Trep. pallida (1 positive).
4,680	,,	faeces for ova of intestinal parasites (2).
92	,,	blood for differential count (3).
1,725	,,	blood for Wassermann Reaction (203 positive).
1,651	,,	blood for Kahn Reaction (171 positive).
312	,,	blood for Weil Felix Reaction (4).
5	,,	blood for abortus agglutination (1 positive).
5	,,	blood for melitensis agglutination (2 positive).
5	,,	blood for para melitensis agglutination (2 positive).
12	,,	blood for enteric complement fixation test (4 positive)
6	,,	blood for gonococcus complement fixation test (2 positive).
2	,,	blood for blood sugar curve.
2	,,	blood for Kala Azar (negative).
7	,,	blood for culture.
3,056	,,	blood (rat) for Tryp. lewisi (704 positive).

1	specimens of	blood (dog) for Anthrax (negative).
5	,,	blood (dog) for P. canis (negative).
23	,,	C.S. fluid for Wassermann test (4 positive).
20	,,	C.S. fluid for Kahn test (negative).
1	,,	swab for fungi.
1	,,	vaccine.
1	,,	pleural fluid for pneumococci (negative).
2	,,	sputum for pneumococci (negative).
1	,,	sputum for H. pertussis (culture negative).
7	,,	tissue for section.
1	,,	milk for B. abortus (negative).
113	,,	milk.
1	,,	tinned Ham (5).
2	,,	tinned sausage (5).
6	,,	Disinfectant (6).

(1). Most of the urines were from M.O. in charge of Staff in connection with medical examination.

(2). 614 contained Ankylostome ova, 580 Ascaris ova, 856 Trichuris ova, 13 Oxyuris ova, 5 Trichomonas, 2 Strongyloids, 3 Tapeworm ova, and 18 Giardia cysts.

(3). Most of the differential blood counts were done for Middleton Hospital, in cases of measles and rubella.

(4). 3 gave a positive reaction with the "Kingsbury" strain of B.proteus, and 1 with the "Warsaw" strain.

(5). These specimens came from the Market Inspector.

(6). The disinfectants were examined in connection with tenders for supply.

Wassermann and Kahn Reactions:—1,725 specimens of blood and 23 of cerebro-spinal fluid were received and 8 remained over from last year, a total of 1,756 specimens. Of these 204 were positive, 1,467 negative and 85 doubtful as being anticomplementary. Fifty-three of the anticomplememtary bloods were taken from placentas. Seventy-five out of the 85 anticomplementary bloods, including these 53, came from the Infant Welfare Clinics, and the remaining 10 from St. Andrew's Hospital.

The Kahn Reaction was done on 1,679 specimens and agreed with the Wassermann in 1,600 or 94 per cent. Of the anticomplementary bloods 7 had a positive Kahn and 72 a negative Kahn.

The Wassermann and Kahn reactions are summarised in the following table. The sign "+ +" = Wassermann positive, Kahn positive,

"— —" = Wassermann negative, Kahn negative, "+ —" = Wassermann positive, Kahn negative, "— +" = Wassermann negative, Kahn positive, "A.C." = Wassermann anticomplementary.

Source	Wassermann and Kahn					Wassermann Only				
	+ +	— —	+ —	— +	A.C.+	A.C.—	+	—	A.C.	Total
L.M.O. Female Adults ..	42	452	7	5	—	5	1	3	—	515
L.M.O. Male Adults ..	5	23	—	—	1	1	—	—	—	30
L.M.O. Infants ..	17	88	2	—	2	12	2	26	1	150
L.M.O. Cord Blood ..	3	148	10	—	1	46	—	3	4	215
L.M.O. Ante Natal ..	1	21	1	—	—	2	—	—	—	25
St. Andrew's Hospital—Ante Natal ..	9	339	7	2	1	2	—	1	—	361
St. Andrew's Hospital—V.D. ..	18	32	6	1	—	—	1	4	—	62
St. Andrew's Hospital—Cord ..	—	6	—	—	—	2	—	—	—	8
St. Andrew's Hospital—General ..	22	191	5	2	2	2	—	24	1	249
Middleton Hospital ..	9	11	1	—	—	—	—	—	—	21
Health Office ..	20	26	1	1	—	—	1	—	—	49
Kwong Wai Siew Hosp ..	—	2	1	—	—	—	—	—	—	3
Cerebro-Spinal Fluid ..	—	16	4	—	—	—	—	3	—	23
Others ..	6	36	—	1	—	—	2	—	—	45
	152	1,391	45	12	7	72	7	64	6	1,756

It is interesting to note that the percentage of positive Wassermanns in the cord blood, which is considered by most physicians to mean syphilis of both mother and child, though some consider it evidence of syphilis in the mother only, is 5.9, only 1.2 higher than the percentage of positive bloods in the ante natal group, while the percentage in adult females in the L.M.O. group is 9.9 which is double that of the ante natal group.

The total number of public health specimens received was 31,540 and the number of examinations carried out was 37,035 again a record.

II WATER.

Eight thousand six hundred and forty-eight samples of water from the Municipal Supply were analysed, the examination consisting of an estimation of the number of colonies per ml. developing on agar at 37°C in 24 hours, and an estimation of the smallest quantity of water producing acid and gas in lactose, litmus, bile salt, peptone water in 24 hours at 37°C.

The results of the years examinations, tabulated below, shew that a pure and safe water was supplied.

Source	Total Colonies	Lactose Permenters Present in Percentage of Samples.				
		—100	+100	+10	+1	+0.1
Sultan Ibrahim Res. ..	80	11.5	88.5	47.0	5.9	—
Sultan Ibrahim C.W.T. ..	21	97.5	2.5	—	—	—
Seletar Dam ..	356	6.8	93.2	71.2	29.6	—
Pierce Res. ..	219	8.5	91.5	57.6	15.7	—
McRitchie Res. ..	120	0.4	99.6	82.6	20.3	—
Bukit Timah Raw ..	227	12.3	87.7	68.5	23.3	—
Woodleigh Main	107	39.0	61.0	28.4	2.1	—
Pearl's Hill I ..	107	54.1	45.9	7.2	—	—
Pearl's Hill II ..	114	59.8	40.2	11.4	—	—
Fort Canning Res. ..	56	86.4	13.6	—	—	—
Tap (Laboratory) ..	37	97.0	3.0	—	—	—
„ (Lorong Lalat) ..	49	86.0	14.0	1.7	—	—
„ (Havelock Rd.) ..	70	76.3	23.7	0.4	—	—
„ (Average) ..	52	86.4	13.6	0.7	—	—

Res. = Reservoir. C.W.T. = Clear Water Tank, i.e. after treatment.

This table shows how very free from contamination the raw waters are, since none of them during the year contained presumptive B.coli in less than 1 ml.

As in former years samples were taken on various occasions at different points along the pipe line, and it was shown that the water did not suffer any contamination during its journey from Gunong Pulai to Singapore. Samples from new mains were examined regularly before they were taken into use.

The water in Mount Emily Swimming Pool was regularly examined. The averaged results are given below.

SOURCE.	Total Colonies.	Lactose fermenters present in per cent.				
		—100	+100	+10	+1	+0.1
Shallow End 7 a.m ..	123	66.9	23.1	10.1	0.6	—
Deep End 7 a.m. ..	144	75.9	24.1	8.4	1.1	—
Shallow End 2 p.m. ..	27	99.4	0.6	—	—	—
Deep End 2 p.m. ..	34	97.8	2.2	—	—	—

The improvement in the water, due presumably to exposure to the sun, in the afternoon as compared with the state in the morning is strikingly shown in the table. Centrifuged samples were regularly examined under the microscope for algae, epithelium or pus cells.

Four hundred and twelve miscellaneous samples were examined and 975 specimens were examined for algae.

III SEWAGE.

Forty-nine samples of chlorinated effluent from the Middleton Hospital were examined. The results obtained were much better than last year the average number of colonies being only 1,360. In April, May and June, and again in October, November and December the number each month was well under 1,000 per ml. B.coli was not present in 100 ml. in 69.5 per cent of samples and present in 100 ml. in 30.5 per cent. It was present in 10 ml. in 20.2 per cent in 1 ml. in 18.4 per cent, in 0.1 ml. in 14.3 per cent in 0.01 ml. in 4.1 per cent and in 0.001 ml. in 2.2 per cent.

Fifteen samples of wash water from the Conservancy Department were examined and were satisfactory.

The examination of the heated digested sludge for infective nematode larvae was carried out regularly during the year.

IV. MORTUARY.

There were 6 postmortens during the year. The causes of death were:—

Diphtheria	2
Empyema	2
Broncho-pneumonia	2

V. STAFF.

The Municipal Commissioners approved of the post of Deputy Bacteriologist being created as from January 1st, 1938, and Dr. Lee Ee Kiam has worked in the laboratory since May with a view to being appointed to the office.

I must again record my thanks to my laboratory assitants for their work during the year.

I have the honour to be,

Sir,

Your obedient servant,

COLIN C. B. GILMOUR,

M.A., M.B., Ch.B.,

Municipal Bacteriologist.

MUNICIPAL HEALTH OFFICE.

Singapore, 1st March, 1938.

The Municipal Health Officer,

Singapore.

Sir,

I have the honour to submit the following report of the work done in the Supervision of Midwives and Infant Welfare Department for the year 1937.

NEW BABIES.

During the year 18,567 new babies were taken on to the Clinic Registers. This figure represents 82.07% of the total births for the year, compared with 83.43% in 1936.

CLINIC CONSULTATIONS.

The Clinic Consultation figures for the year 1937 show a remarkable increase; i.e. from 46,888 in 1936 to 50,623 in 1937.

This increase can be explained to a great extent by the larger number of new babies taken on to the Clinic Registers during the year, but there is still a definite steady increase of confidence of the mothers in the work done at the Clinics, and also, there is a still growing desire on their part to come to us for help and advice about Hospital treatment for their infants, and in quite a large number of cases, the parents will visit the Clinics for the sole purpose of obtaining a "letter" to take their infants to Hospital for admission or for Out-patient treatment.

The actual figures for the cases sent to Hospital by us during 1937 were 1,089, of whom 526 were sent as In-patients and 563 as Out-patients, and I have had statements from my colleagues at St. Andrew's Hospital and the General Hospital that parents are going to Hospital on their own initiative in greater numbers than ever. Unfortunately, they still, in a good many cases, only take their infants straight to Hospital or come to the Clinics for "Hospital letters" when they are already moribund, but I feel safe in saying that, although there are far too many of these cases, on the other hand, there is ample evidence that the parents are realising the wisdom of taking their babies for earlier treatment.

I find in my work in the Clinics, that there are markedly fewer cases where parents refuse Hospital treatment of any kind, and quite often, when I get parents whose babies have gone to Hospital and have been cured, to talk to a hesitant mother and tell her what the Hospital is like and how their babies were looked after, all doubts are put aside, and the sick baby is taken.

I also find that the mothers are so often afraid that their babies will be "lonely" in the hospital, and that if I tell them they will be allowed to go and see them, or that in the case of breast fed infants, the mothers can stay in with them, they are quite willing to go.

From my observations in the three Clinics for the past four years, I consider that it is still absolutely essential that we should continue treating Gonorrhoeal Conjunctivitis and Chronic Otorrhoea, as the mothers practically never seem to realise the seriousness of these complaints, in spite of our vigorous teaching on the subject, and stressing of the necessity for proper Hospital treatment.

Minor ailments of course, we treat as always, and devote the major part of our time to the individual teaching of practical Mothercraft and Infant Hygiene.

It will be seen from this, and my previous Annual Reports, that the tendency among the mothers is to come to the Clinics only when there is "something wrong" with the babies, but they are gradually realising the advantages of regular visits for the purpose of weighing the baby and checking its progress. In fact, when one remembers the hours that have been spent on explaining, persuading and cajoling the mothers to have their babies weighed, it is a pleasing sight to see them now, watching the indicator on the weighing machine, and obviously wanting to be quite sure that the baby is putting on weight properly.

This question of weighing the babies has always been a difficult one, as so many of the mothers have had a superstitious dread of the scales, but this idea is slowly disappearing, although of course, we still have quite a few who absolutely refuse, and I hope that soon, far more mothers will come and see us at the Clinics regularly for such a purpose, when their babies are well, and that they will not wait to come only when they are sick.

In addition to the Clinic Consultations with infants reported above, there were 537 Ante-natal cases, with whom 857 consultations were held.

INFANTILE MORTALITY RATE.

The Infantile Mortality rate for the year 1937 was 171.9 per 1,000 live births, a decrease of 19.7 per 1,000 from that of 1936.

Taking the figures for the chief causes of infantile deaths during the year 1937, and comparing them with those for 1936, we find the following results:—

	1937.	1936.
Convulsions	37.885 per 1,000	40.904 per 1,000
Broncho-pneumonia ..	34.746 per 1,000	39.275 per 1,000
Diseases of Early Infancy	31.696 per 1,000	33.384 per 1,000
Diarrhoea and Enteritis	27.983 per 1,000	30.684 per 1,000
Tetanus Neonatorum ..	8.488 per 1,000	12.550 per 1,000
Infantile Beri-Beri ..	5.835 per 1,000	6.657 per 1,000
Congenital Syphilis ..	5.349 per 1,000	5.316 per 1,000

These totals leave a figure of only 19.918 per 1,000 for "other causes."

INFANT FEEDING.

Mothers of all nationalities attending the three Clinics are realising more and more the advantages of breast feeding, with the exception of the Tamils. In a good many of the cases of bottle fed Tamil babies, however, I think it is more often poor physique and inability of the mothers to feed their babies, rather than actual prejudice or unwillingness. Unfortunately, these Tamil mothers constitute the largest number of those whom I find the most difficulty in teaching.

Time and again they will return to the Clinic with sour, filthy feeding bottles—more often than not, any kind of bottle but a proper feeding bottle being used, in spite of the fact that on every visit they are shown the right type of feeding bottle to use, and in very poor cases are provided with these bottles and accessories free, at the same time each mother being taught and shown individually the way to make the feeds, to keep the bottle clean, and even the way to hold the baby and the bottle when it is feeding, to avoid "wind", vomiting and other painful results of wrong feeding.

Even with all this repeated advice and personal teaching of the mothers, these Tamil babies continue to be brought up to the Clinics in a far more wizened, undernourished and miserable condition than any of the others.

The Malay mothers, on the other hand, who have always been so conservative of European methods, and more prejudiced against breast feeding than the Chinese, are certainly breast feeding their babies more, and are taking more interest in the whole subject of the proper feeding and care of their babies, as taught in the Clinics and their homes.

It is also encouraging to see the interest that the fathers of the different nationalities are taking in the teaching and advice we give, for quite frequently now, a father comes to the Clinic with his wife and baby or brings the baby himself in a good many instances, and he does not sit and wait while his child is being weighed, but more often than not, he wants to know "how much the baby has put on" and listens very carefully when his wife is told anything new about the feeding and care of the baby, and I feel sure that he sees that she carries out our advice.

During the year 1937, 12,988 free tins of milk were given to poor mothers, either for the wholly bottle fed babies or in cases where they were on supplementary feeds either because they were old enough to be weaned or because the mothers have insufficient breast milk, the amount and quality of which could not be restored by any means at our disposal.

In the case of breast fed babies, there was a marked increase in the amount of galactagogues, tonics etc. given to the mothers who had an insufficient supply, and I think that this increase was solely due to the increase in the number of breast fed babies.

MALAY ATTENDANCES.

The attendances of Malay mothers at the three Clinics, are, I am happy to report, still on the increase.

It has always been my earnest hope that such would be the case, as the mortality among Malay infants has always been appallingly high, and, in view of the increase of Malay attendances at Joo Chiat Clinic (where there are far more in the vicinity than at other Clinics), together with other factors which I shall mention later in this report, it was decided to reorganise the work of this Clinic, and to make it a separate unit, instead of it being a subsidiary Clinic to Prinsep Street Clinic as hitherto.

As I have previously remarked in this report, the Malays are a conservative people, and we must continue steadily to gain their confidence both in the Clinics and in their homes, and more especially in regard to Hospital treatment, of which they are still very "frightened", although we do manage to get a few more to go than in previous years, but such an accomplishment is still looked upon as an "event" by all concerned in the persuading and advising of the parents.

HEALTH VISITORS.

The total number of visits paid by the Health Visitors in 1937 was 114,700.

Owing to the migration of many families from some of the "outside" districts to other "inside" areas, due to demolition of dwellings for anti-malarial measures, public works schemes etc. there was far too much work for the Health Visitors in the already congested parts of the town with a corresponding decrease in the work of those in the affected areas, and in order to equalise their duties as much as possible, the districts were all reorganised and an additional one—the 12th—was created, and another Health Visitor appointed.

SUPERVISION OF MIDWIVES.

The total number of visits paid by the District Staff Nurses was 27,999, an increase of 1,937 over the number paid by them in 1936.

There were 18,347 first visits paid by the District Staff Nurses in 1937, and 5,843 re-visits were paid to 1,853 sick mothers, while 3,809 visits were paid seeking 1,707 wrong addresses, in addition to which, 843 cases were untraced.

Maternal deaths in confinement or during the puerperium, reported to the three Clinics amounted to 49, while in 1936 there were 50 deaths from these causes.

Of the 18,347 mothers visited by the District Staff Nurses during the year 1937, 14,723 were found to be living in cubicles or single rooms.

In 1937, there were 4,408 mothers seen by the District Staff Nurses who had had no skilled attention at confinement, 4,926 had been attended by Private Doctors or had been confined in Hospitals, while 11,460 had been attended by Registered Midwives.

The incidence of mothers having no skilled attention at confinement is a subject which always gives me concern, and is one which does not seem to show any promising results, in spite of all our advice, but I do feel, on the other hand, that lack of means and facilities of transport—

especially at night—have a good deal to do with it, together with the usually rapid onset of labour and the inability to get skilled attention in time, and it is rather instructive that quite half of these cases occur in the outlying districts.

There were 20,955 births reported to the Clinics in 1937 (including 156 pairs of twins, 1 quadruplet, and 1 triplet).

Of the 20,955 births reported to the Clinics, 17,701 babies were seen by the District Staff Nurses, and of these 986 were found to be ailing, while 13,310 of these infants visited were breast fed, 3,263 were bottle fed, and 1,128 were on supplementary feeds.

MUNICIPAL MIDWIVES.

In my report for 1936, I said that, owing to the increase in the work of the Municipal Midwives, a fourth Midwife had been appointed.

This step has been shown to have been fully justified by the figures for the work done for 1937.

The total number of poor cases attended by the Municipal Midwives in 1937 was 1,654. The cases comprised 604 confinements and 1,050 post-natal cases. In addition they sent 39 cases to Hospital, and were called unnecessarily to 72 other cases and in all paid 8,882 visits.

PUERPERAL SEPSIS.

In 1937 there were 19 cases of puerperal sepsis reported to the Department. These cases were all carefully investigated, and it was found that in none was there a Midwife as the carrier of the infection.

TETANUS NEONATORUM.

There was a marked decrease in the number of cases of Tetanus Neonatorum reported to the Department during 1937 i.e. 68 cases, in comparison with 108 in 1936, which was the highest number recorded since 1933.

These cases were all "followed up" in the usual manner, to try to trace the source of infection, and in every case it was found that there had been no skilled attention at confinement.

VENEREAL DISEASES.

Syphilis and gonorrhoea show no sign of abating—a remark I have made in every report I have submitted—and the figures quoted in this report under the heading of Congenital Syphilis in "Infantile Mortality" bear out my statement and my own clinical observations.

In my report for 1936 I referred to an "intensive study of all Syphilitic cases seen at the three Clinics and specially recorded, during the five years 1931 to 1935 inclusive", and I mentioned that "a selected number of these cases are still being followed up." Visits to these cases every subsequent six months have been made and careful notes taken of any further pregnancies, the condition of the mothers and of the children.

This work will be terminated this year, and I am convinced that valuable information will be obtained from the data resulting from an analysis of these records.

DIET DEFICIENCIES.

The subject of avitaminosis or deficiency of vitamins through faulty diet, has been one to exercise me very greatly ever since my appointment four years ago. I have reported before that I view this condition with "concern and alarm", and I can retract in no way whatsoever from any remarks I have ever made on the seriousness of this subject.

Xerophthalmia, tetany and scurvy are seen in comparatively few cases, while severe anaemias of infancy are only too common, but the most serious and outstanding deficiency disease is that of beri-beri.

In spite of careful and laborious individual teaching of the mothers in the Clinics and in their homes, this disease continues to be a positive menace to the mothers and babies, and cases are seen by us in ever increasing numbers.

It is a real fight, trying to break down the tradition of a diet of salt fish and salted polished rice only, for pregnant mothers for 40 days before and after delivery, to which practically all of the Chinese mothers adhere rigidly, and I suggest that it is only because of the custom of the Malays to include fresh fruit and vegetables with this "traditional diet" in which they also believe, that we do not see more cases of beri-beri among them (although, when it does occur, it is often quite as severe as in the Chinese mothers).

This dread of the effects of fruit juice and green vegetables, both on the Chinese mother and child, before and after confinement, is one of the deepest rooted beliefs I have come across in the whole of my work among these people, and it seems next to impossible to get them to "try just once" to see that they will be quite alright, and not attacked by all the ills they firmly believe will come to them.

It is also very difficult to get them to try unpolished rice, except in a few cases, and also where one or two of the mothers remember their grandmothers saying that unpolished rice is a very old Chinese remedy for "swollen limbs, and pain and numbness in the limbs."

I think it is obvious there is a persistent lack of vitamin B in the diet of these mothers at all times, but I am of the opinion that this may not show itself as frank beri-beri until they are pregnant, when there is an added drain on their already low resources of vitamins, and I would say further, that even then, the symptoms may not be very marked during pregnancy in some cases, except for what they consider to be "the usual pains and numbness or swelling of the face and limbs, at such a time", and that it is the physical strain of the actual labour (however "easy" it may be described as being), added to increased requirements of the pregnant mother which brings about the severe cases of post-natal beri-beri we are always seeing on the Districts and in the Clinics.

From my own clinical observations, which are corroborated by my colleagues Dr. Elliot of St. Andrew's Hospital for Women and Children and Dr. Haridas, until recently in charge of the Childrens' wards at the

General Hospital, it seems apparent, that acute cases of beri-beri respond to active or one might almost say "acute" treatment by injections of concentrated vitamin B extracts, and that slowly developing cases, and cases more particularly of advanced paralysis are also slow in recovery, and do not respond to this active type of treatment just mentioned. The effect of this condition of the mother upon the infant is obvious.

In breast fed infants the disease is present in large numbers, but I have seen many cases of beri-beri in babies bottle-fed from birth, and I know that my colleagues have made the same observations.

These bottle fed babies often will develop the disease with alarming rapidity and fatal results, and frequently, it is found that the symptoms arise nearer to six months old than in the breast fed babies who may develop it at a much earlier age.

In treating these cases of beri-beri in breast fed babies, I find that only in the very mildest cases is it possible to improve their condition by giving the mother preparations containing large doses of vitamin B, and it is my practice in all but these mildest of cases, to attempt to effect a cure in both mother and baby, by giving them separate and suitable vitamin B preparations, and I suggest that this has to be done because the mother's own need for the vitamin is so profound that if she alone is treated, there is "none to spare" for her breast fed child.

In bottle fed babies, of course we treat the mother and infant separately, for obvious reasons.

It has been an established routine for a long time, to treat all pregnant mothers seen at the Clinics as potential cases of beri-beri and they are all given certain preparations containing large doses of the essential vitamin, with the hope that by so doing we shall be able to prevent it's development either during pregnancy or the puerperium, the latter being a period when so often the disease manifests itself for the first time.

The incidence of maternal and infantile beri-beri was higher than ever in 1937, but the infantile deaths recorded due to this disease, were lower than in 1936, viz:—131 Chinese, and 1 Malay baby were recorded as having died from this cause in 1937, while it was responsible for the deaths of 149 Chinese babies and no Malays, in 1936, but I still adhere to the opinion that I expressed in my report for 1936, that there are many infantile beri-beri deaths recorded under the headings "Convulsions, Diseases of Early Infancy, and Broncho-pneumonia," where the symptoms of these diseases may often mask those of the underlying and causative beri-beri.

ANTE-NATAL CLINICS.

Up to the present, all work done in the Department in connexion with Syphilis and Beri-beri among the mothers and babies, has been part of the ordinary Clinic work, and it has been felt for a long time that this particular work should be undertaken on a properly organised footing, and the Municipal Commissioners sanctioned provision in the Budget to make a start on this work in this manner in 1938.

In January Ante-natal Clinics were started at each of the three centres with this object in view.

Pregnant mothers who are found to have Syphilis, or those who are known to have it from previous histories with babies they have already brought to the Clinics, will be given anti-Syphilitic treatment at these Clinics. It is a well recognised fact that, however much treatment a woman may have had for this disease, it is necessary in the interests of the child, that she should have a course of treatment with every pregnancy, and it is with this object that the anti-Syphilitic work is being undertaken.

The mothers who have been "followed up" from the year 1931 are being visited again, with a view to getting those who are again pregnant to come to the Clinics for treatment, and to ask those who are not yet pregnant to report themselves as soon as they know that they are so.

The difficulty, so far, with any Ante-natal work, has been that the mothers have often not been seen by us until they are well on in pregnancy, and it is essential that we should be able to get them to come to the Clinics as early in pregnancy as possible, to be able to give them the requisite treatment to have a healthy infant.

As regards deficiency disorders associated with pregnancy, these too, will be treated at these Clinics, and here again, it is essential that certain diseases, such as anaemias of pregnancy, should be treated as early as possible.

The intensive treatment of pregnant women suffering from Beri-beri will now be on a regular basis and one of the chief features of these Ante-natal Clinics, while the general teaching of all mothers in proper dieting both for themselves and their children will be continued as before.

CHARITABLE ORGANISATIONS.

I would like to take this opportunity of recording my deep appreciation of all the practical help extended to a large number of necessitous cases we have reported to the Salvation Army and the Jubilee Fund during 1937, and also to the Child Welfare Society for their care of many "Municipal Babies" in their two Creches.

CHANGES OF STAFF.

Health Visitor Maria Kwan was promoted to Staff Nurse. Miss Lily Tan was appointed as Health Visitor, but resigned on marriage and Mrs. F. S. Tan was appointed to take her place.

Miss Wong Syu Tscheong was appointed as Health Visitor.

Mrs. Alice Ong and Miss Ngieng Geok Choo were both invalided out of the service, and Miss Doris Yong and Miss Wong Chee Nya were appointed as Health Visitors to fill the vacancies thus caused.

Midwife Mrs. Tan Liae Neo was appointed to the post of "Relief Midwife" early in the year, but resigned in August, and Mrs. Wong Whye Fong was appointed in her place.

I have the honour to be,
Sir,
Your obedient servant,
MURIEL G. E. CLARK,
Lady Medical Officer.

Middleton Hospital,

Singapore, 24th January, 1938.

The Municipal Health Officer,

Singapore.

Sir,

I have the honour to present the report of the Middleton Hospital for the year 1937.

The following table summarises the cases treated during the year.

Disease	Remaining	Admitted	Discharged	Died	Remaining
Smallpox	—	—	—	—	—
Cholera	—	—	—	—	—
Plague	—	—	—	—	—
Chickenpox	10	709	690	—	29
Measles	—	64	59	2	3
Diphtheria	8	170	124	42	12
Cerebro-Spinal Fever . .	—	15	5	9	1
Erysipelas	—	1	1	—	—
Whooping Cough . .	1	1	2	—	—
Mumps	14	206	213	—	7
Observation & Contacts	2	82	84	—	—
Rubella	1	14	14	—	1
Other Diseases . .	—	62	54	8	—
Total . .	36	1324	1246	61	53

The number of patients treated was 347 less than last year. There was a decrease in Chickenpox, Mumps, and Measles but an increase of 23 in Diphtheria.

No cases of Smallpox, Cholera, or Plague were admitted.

Diphtheria. The number of cases treated was 178 of whom 170 were admitted during the year an increase of 23. Forty-two patients died, a mortality of 23.7 per cent. Nineteen of the deaths occurred within 24 hours of admission and if these were deducted the mortality was 14.5 per cent. Nine deaths were due to sudden cardiac failure occurring between the 9th and 15th day of the discease. Fifty-five cases or 31 per cent were laryngeal, or tracheal, in type, of which 50 required trachectomy, and of those operated on 24 died. Seven Europeans, 6 Eurasians, 5 Indians, 4 Malays, 5 Jews, and 142 Chinese were treated. Forty of the deaths were among Chinese and 1 each among Malays and Eurasians. Of 7 children under 1 year old 4 died, of 84 between 1 & 5 years 29 died, of 51 between 5 & 10 years 7 died and the other 2 deaths were between 10 & 20 years of age. The average dose of serum given per case was 16,000.

Cerebro-Spinal Meningitis. Five out of 15 cases recovered and 1 remained at the end of the year who has since recovered. Two of these recoveries were children under 1 year.

Chickenpox. This disease continues to account for about half the yearly admissions, though there was a reduction this year of 127 cases. 134 Municipal Employees, 85 Government Employees, 100 school children and 390 others were treated for the disease.

Other Diseases. Sixty-two cases admitted as suffering from one or other of the notifiable infectious diseases were found to be suffering from some other disease and of these eight died. The causes of death were Pneumococcal meningitis 1, Thrush & Multiple Boils 1, Empyema 1, Bronchitis 3, Pneumonia 2, Cerebral Haemorchage 1. The other cases were discharged or transferred to other hospitals.

Nationalities. The nationalities and number of days spent in hospital are summarised in the following table.

Nationality.	Remaining in 1936		Admitted 1937	
	No.	Days.	No.	Days.
Europeans ..	1	6	30	337
Eurasians	—	—	67 ✓	814
Indians	22	167	820 ✓	9223
Chinese	10	144	344 ✓	4268
Malays	3	19	55 ✓	572
Jews	—	—	8	192
Total ..	36	336	1,324	15,406

The following table shows the distributions of patients by employment.

H.M. Naval Base	20
Army	13
Air Base	25
Police	14
Government	78
Municipality	287
Schools	156
Singapore Harbour Board	48
Others	683

The number of children admitted was 393 as compared with 601 last year.

The following table shows the admission for the last ten years.

Disease	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Cholera	4	—	—	—	—	—	—	—	—	—
Smallpox	8	9	—	3	7	1	1	61	1	—
Plague	3	—	—	—	—	1	—	—	—	—
Chickenpox	324	553	334	196	491	252	398	538	835	709
Diphtheria	42	38	35	46	90	159	152	115	146	170
Cerebro-Spinal Fever	13	3	17	6	6	3	7	11	19	15
Measles	94	42	60	58	7	110	58	144	181	64
Erysipelas	6	1	7	1	—	2	2	4	3	1
Mumps	48	66	10	17	22	178	149	61	388	206
Whooping Cough	8	1	14	20	3	8	6	3	2	1
Enteric Fever	—	—	1	1	1	—	—	—	1	—
Tuberculosis	1	1	1	1	1	3	4	—	3	—
Rubella	7	6	5	14	4	1	40	29	24	14
Scarlet Fever	3	6	—	—	—	—	2	1	—	—
Typhus Fever	1	—	—	—	—	—	1	—	—	—
Puerperal Fever	—	—	1	2	—	—	—	—	—	—
Contacts	45	17	48	22	36	357	37	90	36	82
Other Diseases	63	63	44	44	55	85	73	94	81	62
	670	806	577	431	724	1,160	930	1,151	1,670	1,324

I have again to record my thanks to Prof. Hawes, Prof. Johns, & Prof. Meikie for their help and to the last two for undertaking such surgical treatment as could not be given in the hospital.

I have the honour to be,

Sir,

Your Obedient Servant,

COLIN C. B. GILMOUR,

M.A., M.B., Ch.B.,

Medical Superintendent.

Municipal Health Office,

Singapore, 24th February, 1938.

The Municipal Health Officer,

Singapore.

Sir,

I have the honour and duty to submit my eighteenth Annual Report on the Municipal Markets, their repair and upkeep and the inspection of foodstuffs sold in them and in the town generally.

MUNICIPAL MARKETS.

We still have 10 Municipal Markets though actually only 9 function as such. Joo Chiat Market with all manner of inducements such as nominal rents still fails to "catch on." No recurrence of Labour trouble took place and the Annual Cleansing was thoroughly carried out on Chinese New Year's day. As in former years, by courtesy of the Superintendent Fire Brigade hoses etc. were loaned to clean the larger markets. A few vermin were caught and killed during these operations.

REPAIRS.

Clyde Terrace Market. The floor of the auction area was relaid in May.

In connection with the Reclamation Scheme filling underneath the market started in June and is now completed.

All broken fish slabs were repaired and all stalls re-numbered at the end of the year.

Ellenborough Market. The floor of the main market was regraded and four dry goods stalls re-conditioned in concrete.

Telok Ayer Market. The whole of the railings and gates surrounding the compound were painted.

Kandang Kerbau Market. The whole market building, roof office and compound wall were painted and colourwashed and all awnings and collapsible gates repaired.

Orchard Road Market. By abolishing 5 stalls that were never occupied and a slight re-arrangement of others a new purchasing avenue was opened. This greatly helps the buying public.

Peoples Park Market. The roofs of the sheds were repaired and concrete roadways were put down in place of the asphalt ones.

All Markets. Repairs to water and lighting services were carried out on request by Departments concerned.

UNSOUND FOODSTUFFS.

84968 catties or about 50 tons of unsound foodstuffs (particulars appended) were taken from the markets to the incinerators for destruction.

Prices and Quantities of Foodstuffs.

Wet fish sales shew an increase of 1.7% by weight on last year despite spasmodic boycotts of Japanese-caught fish by Chinese. Other commodities show on average similar sales to last year—the value however increased by 6.9% which indicates that a slight rise in price of foodstuffs obtained coinciding with increased prosperity due to rise in price of tin and rubber in the first half of the year.

Table A below will show the average price increase of staple articles.

TABLE (A).

Article.	Per	1932 Av. Price	1933 Av. Price	1934 Av. Price	1935 Av. Price	1936 Av. Price	1937 Av. Price
		$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Beef ..	Kati	.35	.30	.29	.36	.33	.33
Mutton ..	℔.	.36	.33	.31	.31	.35	.41
Pork ..	Kati	.47	.42	.41	.43	.42	.44
Tea ..	„	.84 pkt.	.83	.85	80 pkts. 1 ℔.	.78	.84 pkt. (1 lb.)
Coffee beans	„	.39	.40	.40	.40	.39	.35
Sugar ..	„	.05	.05	.05	.04	.04	.05
Salt ..	„	.03	.03	.02	.02	.02	.02
Potatoes	„	.07	.06	.05	.06	.05	.05
Yam ..	„	.04	.03	.03	.03	.03	.03
Onions ..	„	.06	.05	.05	.05	.06	.06
Ducks ..	Dozen	6.00	6.00	5,40	5.07	5.04	5.47
Pigeons	Pair	.80	.78	.70	.70	.65	.60
Eggs (hens)	Dozen	.39	.31	.30	.25	.25	.31
Capons ..	Kati	—	—	—	.53	.50	.52
Fowls ..	Each	.70	.60	.50	.48	.45	.49 1½ catties
Rice ..	Gantang	.28	.25	.23	.30	.28	.30

REVENUE (TABLE B).

Market	1932	1933	1934	1935	1936	1937
Clyde Terrace	$120,583.78	$107,441.29	$119,857.82	$132,693.97	$134,847.44	$144,193.28
Ellenborough ..	80,176.91	69,124.92	71,709.22	75,344.17	76,319.98	80,258.60
Telok Ayer ..	23,210.57	20,167.00	19,337.50	19,025.00	19,219.50	19,228.00
Orchard Road	14,814.50	14,086.50	14,105.00	14,005.00	14,421.50	15,044.00
Kandang Kerbau	18,617.00	17,302.00	17,645.00	17,948.00	18,407.00	18,842.50
Grange Road ..	1,850.00	1,662.00	1,790.00	1.818.00	2,076.50	2,086.00
Geylang ..	abolished	abolished	abolished	abolished	—	—
Sims Avenue ..	4,288.50	4,103.50	3,742.50	3.630.00	3,663.00	3,741.00
Maxwell ..	8,280.00	7,259.50	7,407.50	8,340.00	9,116.00	9,342.50
People Park ..	12,936.00	9,752.50	9,203.50	9,569.00	8,834.00	10,193.00
Joo Chiat ..	1,288.00	545.50	383.75	297.25	187.50	213.50
	$286,045.76	$251,444.71	$264,181.79	$283,165.39	$287,091.92	$303,142.38

5% COMMISSION ON FRESH FISH SALES (TABLE C).

Market.	1932	1933	1934	1935	1936	1937
Clyde Terrace	$ 73,861.78	$ 65,787.79	$ 78,719.82	$ 91,445.97	$ 94,053.94	$103,987.78
Ellenborough ..	40,069.91	32,919.92	35,547.72	38,827.17	39,142.98	42,747.60
Telok Ayer ..	490.07	abolished	Nil.	Nil.	—	—
	$114,421.76	$98,707.71	$114,267.54	$130,273.14	$133,196.92	$146,735.38

405,000 catties more, of wet fish were sold and revenue from the 5% on sales increased by about 10% or $13,300. This would have been much greater had there been no attempt at boycotting of Japanse-caught fish. The peak month was July at Clyde Terrace when 5 % commission was $10,833.51. It fell gradually then till in December it was only $6,667.13. Ellenborough Market on the other hand rose from $3,367.56 in July to $4,038.65 in December.

STAFF.

There has been no change in Staff. 52 coolies have reported sick at various times throughout the year and were treated by Medical Officer in charge of Staff.

RETURNS.

The following returns are supplied as detailed below:

Weekly. Price lists to Press, Registrar General of Statistics, etc.

Monthly. Total catch of fish to Fisheries Officer. Average monthly price list to Registrar General of Statistics.

Quarterly. Stock of foodstuffs in markets at 7 a.m. on 1st day of each quarter to Registrar General of Statistics.

5th year Medical Students and candidates for the certificate of the Royal Sanitary Institute were taken around the markets and given demonstrations how to distinquish good from bad fish etc., etc., and any information sought.

TOWN.

49,218 items of unsound foodstuffs were destroyed during the year particulars of which are attached. Surveys of consignments of beef, lamb, salt fish, potatoes, pears, cheese and all manner of tinned goods were made and disposed of according to my decision.

Samples. 670 official and informal samples were taken during the period under review particulars of which will be found in the Municipal Analyst's report.

I attach return showing the approximate amount of foodstuffs passing through the 'principal markets with their estimated value, the quantity of unsound foodstuffs destroyed and a summary of vacant stalls as on December 31st 1937.

I have the honour to be,

Sir,

Your obedient servant,

M. MacMAHON,

Cert. R. San. Inst.,

Food and Market Inspector.

SUMMARY OF VACANT STALLS END OF DECEMBER, 1937

	Clyde Terrace. No.	Ellen-borough. No.	Telok Ayer. No.	Orchard Road. No.	Kandang Kerbau. No.	Maxwell Road. No.	Joo Chiat. Road No.	Grange Road. No.	Peoples Park. No.	Sims Avenue. No.
Dry Goods	2	..	1	..	..	9	..	2	..	..
Beef	9	..	..	..	..	3	5	6	..	1
Salted Vegetables	..	..	..	..	..	1	2	1	..	2
Mutton	..	..	..	..	..	1	5	..	..	2
Pork	6	1	6	2	..	4	10	1	..	3
Curry Stuff	..	..	..	..	..	..	2	..	..	..
Bean Cakes	..	1	1	1	..	5	4	..	..	1
Poultry	10	21	2	1	..	12	5	..	2	4
Vegetables and Fruits	24	9	25	1	4	27	22	8	..	19
Eggs	..	..	1	..	..	..	2	..	..	1
Money Changer	1	..	..	..	..	1	1	..	..	..
Eating	..	..	5	..	..	..	..	..	..	3
Fish	7	11	..	12	..	24	40	7	5	..
Shell Fish	..	..	..	..	..	..	..	..	..	..
Hawkers	..	..	..	..	..	..	1	..	..	..
Provisions	..	..	..	..	..	..	..	1	..	..
Dressed Ducks	..	..	..	..	..	3	..	..	..	
TOTAL ..	59	43	41	17	4	90	99	26	7	36

M. N. MACMAHON,
Cert. R. San. Inst.,
Food and Market Inspector.

UNSOUND FOODSTUFFS DESTROYED DURING THE YEAR 1937.

Market.	Wetfish ctts.	Saltfish ctts.	Beef ctts.	Lamb and Mutton ctts.	Pork ctts.	Vegetables ctts.	Fruits ctts.	Tinned Goods.		Bottles preserves No.	Eggs No.	Miscellaneous	Total Items.
								Cases.	Tins.				
Clyde Terrace ..	16,177	87	..	..	..	1,286	225	..	..	..	..	57	..
Ellenborough ..	3,595	120	..	..	..	291	..	..	..	..	243	8,234	..
Telok Ayer ..	10	50	..	..	..	7,598	5,105	..	..	..	1,167	..	..
Kandang Kerbau ..	10	..	..	..	..	4,495	4,403	..	..	..	1,161	..	..
Orchard Road ..	214	..	..	..	..	6,317	8,592	..	3	..	26	45	..
Maxwell Road .	57	63	..	..	8	5,812	1,602	..	1	..	7,906	..	..
Joo Chiat Road ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grange Road ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peoples Park ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sims Avenue ..	..	..	..	..	..	..	..	..	..	..	..	..	..
	20,063	320	..	..	8	25,802	19,932		4	..	10,503	8,336	84,968
Town ..	2,030	183	5,880	382	..	17,980	..	2,308	18,584	168	..	1,703	49,218
Total ..	22,093	503	5,880	382	8	43,782	19,932	2,308	18,588	168	10,503	10,039	134,186

M. N. MacMAHON,
Cert. R. San. Inst.,
Food and Market Inspector.

RETURN OF SOME OF THE FOODSTUFFS PASSING THROUGH MARKETS FOR THE YEAR 1937.

Market.	Wetfish ctts.	Boiled Fish ctts.	Shell Fish ctts.	Beef ctts.	Mutton ctts.	Pork ctts.	Fowls.	Capons	Geese	Ducks.	Pigeons.	Turkeys.	Bean Cakes ctts.	Bean Sprouts ctts.	Approximate Value	
							HEADS								$	cts.
Clyde Terrace ..	17,455,481	43,150	137,640	303,660	256,570	471,815	49,021	..	1,103	42,502	7,309	..	137,980	42.810	2,556,548	95
Ellenborough ..	4.501,509	..	151,695	11,567	..	828,493	54,635	1,868	4,356	80,066	1,636	..	160,347	54,857	1,239,283	77
Telok Ayer ..	46,115	..	38,040	45,465	79,676	235,522	34,126	..	605	12,188	2,832	112	..	..	185,227	50
Kandang Kerbau ..	1,005,032	34,342	..	131,708	252,873	444,748	52,300	..	..	12,679	..	..	42,968	..	570,399	97
Orchard Road ..	662,219	33,266	..	272,120	36439	301,839	38,400	..	..	7,741	3,255	..	36,115	37,058	411,982	05
Peoples Park ..																
Maxwell Road ..																
Grange Road ..																
Sims Avenue ..																
Joo Chiat Road ..																
Total ..	23,670.356	111,958	327,375	764,520	625,558	2,282,417	228,482	1,868	6,064	155,176	15,032	112	377,410	134,725	4,963,433	24

M. N. MacMAHON,
Cert. R. San. Inst.,
Food and Market Inspector.

HEALTH DEPARTMENT.

Return of Prosecutions for the Year 1937.

OFFENCES.		TOTAL					
		Prosecutions	Withdrawn	Not Served	Convictions	Fines	
Municipal Ordinance						$	cts.
Obstructions	Section 120	—	—	—	—	—	
Offensive matter flowing into Public Drain	,, 131	—	—	—	—	—	
Establishing a private market	,, 198	—	—	—	—	—	
Unlicensed Offensive Trades	,, 211	131	14	15	102	387	50
Using nightsoil/or urine as manure	,, 213	6	1	—	5	11	00
Latrine etc. notice not complied with	,, 219	—	—	—	—	—	
Nightsoil kept for more than 48 hours	,, 223	—	—	—	—	—	
Filthy premises	,, 233	116	1	3	112	515	00
Limewash notice not complied with	,, 234	7	1	—	6	7	00
Non-compliance of notice for the destruction of rats and mice	,, 235	—	—	—	—	—	
Non-compliance of notice of demolition order of insanitary dwelling	,, 236	1	—	—	1	—	
Allowing premises to be overcrowded	,, 237	1	—	1	—	—	
Non-compliance with Nuisance Notice	,, 246	76	4	2	70	1	00
Carried forward ...		338	21	21	296	921	50

HEALTH DEPARTMENT.

Return of Prosecutions for the Year 1937—(*Contd.*)

OFFENCES.		TOTAL					
		Prosecutions	Withdrawn	Not Served	Convictions	Fines	
						$	cts.
Brought forward ...		338	21	21	296	921	50
Non-compliance with Nuisance Order ... ... „	247	—	—	—	—	—	
„ „ Closing Order ... .. „	247	2	2	—	—	—	
Non-compliance of order for demolition of house unfit for human habitation ... ... „	248	—	—	—	—	—	
Non-compliance with Well Notice ... . „	254	—	—	—	—	—	
Opening Well without permission ... . „	254	7	—	2	5	8	00
License not exhibited ... . „	381	2	—	—	2	2	00
Breaches of Offensive Trades Byelaws		2	1	—	1	3	00
Byelaws—Sections 58 & 211 M. O.							
Unlicensed Foodshops		542	30	69	443	1,104	00
„ Milk Vendors		64	7	—	57	61	00
Employing women without permission of H. O.		14	—	—	14	41	00
Opening licensed premises during prohibited hours		65	3	2	60	245	00
Conveying milk for sale without regulation bottles		—	—	—	—	—	
Carried forward ...		1,036	64	94	878	2,385	50

HEALTH DEPARTMENT.

Return of Prosecutions for the Year 1937—(*Contd.*)

OFFENCES.	TOTAL				
	Prosecutions	Withdrawn	Not Served	Convictions	Fines
					$ cts.
Brought forward ...	1,036	64	94	878	2,385 50
Failing to have name and address marked upon the vehicle/can	—	—	—	—	—
Unlicensed Piggeries	150	4	5	141	145 00
Filthy Stables, Cowsheds etc.	7	—	—	7	29 00
Breaches of the Foodshop Byelaws	136	4	—	132	393 50
Markets and Slaughter Houses.					
Selling vegetables within 50 yards of market ... ... Section 193	—	—	—	—	—
Unsound Food ... ... „ 199	1	—	—	1	5 00
Slaughtering Animals except in Abattoirs ... .. „ 204	1	—	—	1	7 00
Market Byelaws	102	1	1	100	202 00
Sale of Food and Drugs Ordinance					
Selling Adulterated Milk ... ... Section 11-1	38	—	7	31	326 50
Selling Adulterated Whisky ... ... „ 11-1	—	—	—	—	—
Carried forward ...	1,471	73	107	1,291	3,493 50

HEALTH DEPARTMENT.

Return of Prosecutions for the Year 1937—(*Contd.*)

OFFENCES.		TOTAL					
		Prosecutions	Withdrawn	Not Served	Convictions	Fines $	cts.
Brought forward ...		1,471	73	107	1,291	3,493	50
Selling Adulterated Brandy	Section 11-1	—	—	—	—	—	
Selling Adulterated Green Peas	„ 11-1	—	—	—	—	—	
Selling Milk Deficient in Fat	„ 11-1	—	—	—	—	—	
Selling aerated soda water containing less than 5 grains of Sodium Bicarborate per pint		1	—	—	1	—	
Q. and P. Disease Ordinance							
Failing to report case of Inf. Disease	Section 3	—	—	—	—	—	
Moving patient without permission	„ 18	—	—	—	—	—	
Exposing patient while suffering	„ 18	—	—	—	—	—	
Conveying patient in public vehicle	„ 23	—	—	—	—	—	
Failing to have child vaccinated	„ 39-1	120	6	17	97	—	
Failing to bring child for inspection	„ 40	—	—	—	—	—	
Registration Births and Deaths Ordinance							
Failing to Register Births	Section 11	29	2	2	25	—	
Failing to Register Deaths	„ 11-1	—	—	—	—	—	
Giving false information for the purpose of registering a birth		1	—	—	1	4	50
		1,622	81	126	1,415	3,498	00

HEALTH DEPARTMENT.

Return of Prosecutions for the Year 1937—(*Contd.*)

OFFENCES.		TOTAL				
		Prosecutions	Withdrawn	Not Served	Convictions	Fines
						$ cts.
Brought forward ...		1,622	81	126	1,415	3,498 00
Destruction of Mosquitos Ordinance						
Failing to comply with notice	Section 9-1	—	—	—	—	—
Recovery of costs of work done	„ 8-1	—	—	—	—	—
Destroying Anti-malarial Works	„ 15	1	—	—	1	10 00
		1,623	81	126	1,416	3,508 00

Summary.

Total Inspections	46,482
„ Prosecutions	1,623
„ Withdrawn	81
„ Not Served	126
„ Convictions	1,416
„ Fines	$3,508 00

H. BENJAFIELD,
Chief Sanitary Inspector.

N.B.—Costs are not included in the amount of fines.

RETURN OF NOTICES SERVED AND COMPLIED WITH ETC., DURING THE MONTH OF YEAR, 1937.

NATURE OF NOTICES.	Brought forward from last year.	Served during the year.	Total.	Complied with during the year.	Carried forward to next year.	REMARKS.
Limewash Notice	4	1,910	1,914	1,747	158	9 Cancelled
Intimation Notice	16	1,571	1,587	1,029	535	23 ,,
Nuisance Notice	67	146	213	146	—	67 ,,
Anti-Mosquito Notice	517	588	1,105	48	1,025	32 ,,
Demolition Notice	32	10	42	37	4	1 ,,
Well Notice	1	11	12	12	—	
Latrine Notice	—	68	68	2	66	
Closing Order	—	3	3	1	—	2 ,,
	637	4,307	4,944	3,022	1,788	134 Cancelled

H. BENJAFIELD,
Chief Sanitary Inspector.

Return of Licences Issued under the Offensive Trade By-Laws during the year 1937.

NATURE OF LICENCE.	Per Annum $	Number Issued.	CASH RECEIVED $	cts.	DETAILS OF LICENCES ISSUED For One Year	For One Month	For 2 Months	For 3 Months	For 4 Months	For 5 Months	For 6 Months	For 7 Months	For 8 Months	For 9 Months	For 10 Months	For 11 Months
Blachan Store	24	3	72	00	3	..	..	..	..	..	..	..	..	..	..	..
Brick Kiln	50	3	150	00	3	..	..	..	..	..	..	..	..	..	..	..
Dye House	12	7	79	00	6	..	..	..	..	..	..	1	..	..	..	..
Drying and Sorting Fish	12	4	48	00	4	..	..	..	..	..	..	..	..	..	..	..
Fruit Preserving	50	3	141	66	2	..	..	..	..	..	..	..	..	..	1	..
Knacker's Yard	12	..	..		..	..	..	..	..	..	..	..	..	..	..	..
Lime Making	12	..	..		..	..	..	..	..	..	..	..	..	..	..	..
Lye Making	12	..	..		..	..	..	..	..	..	..	..	..	..	..	..
Laundry	1	334	334	00	334	..	..	..	..	..	..	..	..	..	..	..
Offal Boiling	12	..	..		..	..	..	..	..	..	..	..	..	..	..	..
Pottery Works	6	..	..		..	..	..	..	..	..	..	..	..	..	..	..
Private Market	1	..	..		..	..	..	..	..	..	..	..	..	..	..	..
Rags and Bones Store	6	..	..		..	..	..	..	..	..	..	..	..	..	..	..
Sago Factory	50	4	150	00	2	..	..	..	..	..	2	..	..	..	..	..
Sauce Factory	12	..	..		..	..	..	..	..	..	..	..	..	..	..	..
Sheep or Goat Pen	12	6	48	00	2	..	..	..	..	..	4	..	..	..	..	..
Sugar Boiling	50	4	162	50	3	..	..	1	..	..	..	..	..	..	..	..
Soap Boiling	12	5	48	00	3	..	..	..	..	1	..	1	..	..	..	..
Sick Receiving House	1	6	6	00	6	..	..	..	..	..	..	..	..	..	..	..
Tannery	50	6	200	00	2	..	..	..	..	..	4	..	..	..	..	..
CATTLESHEDS, PONYSTABLES, COWSHEDS:																
9 Animals and Under per head @	1	1	6	00	1	..	..	..	..	..	..	..	..	..	..	..
10—14 Animals	10	4	38	00	4	..	..	..	..	..	..	..	..	..	..	..
15—24 „	15	..	..		..	..	..	..	..	..	..	..	..	..	..	..
25—50 „	25	4	62	50	1	..	..	..	..	..	3	..	..	..	..	..
Over 50 „	50	3	121	00	2	..	..	..	..	1	..	..	..	..	..	..
PONYSTABLE:																
9 Animals and Under ped head @	1	1	5	00	1	..	..	..	..	..	..	..	..	..	..	..
COWSHED:																
15—24 Animals	15	1	15	00	1	..	..	..	..	..	..	..	..	..	..	..
Over 50 „	50	1	50	00	1	..	..	..	..	..	..	..	..	..	..	..
IMPORTATION OF FROZEN MEAT:																
Adelphi Hotel	50	1	50	00	1	..	..	..	..	..	..	..	..	..	..	..
John Little & Co.	50	1	50	00	1	..	..	..	..	..	..	..	..	..	..	..
Australian Primary Producers Ltd.	50	1	50	00	1	..	..	..	..	..	..	..	..	..	..	..
Lim Khoon Heng	50	1	50	00	1	..	..	..	..	..	..	..	..	..	..	..
Kim Ann & Co.	54	1	54	00	1	..	..	..	..	..	..	..	..	..	..	..
Singapore Cold Storage Co.	1.000	1	1,000	00	1	..	..	..	..	..	..	..	..	..	..	..
TOTAL ..	..	406	$2,990	66												

H. BENJAFIELD,
Chief Sanitary Inspector.

Municipal Abattoir,

Singapore, 25th February, 1938.

The Municipal Health Officer,

Singapore.

Sir,

I have the honour to submit my report for the year ended 31st December 1937. During this period 269,560 swine, 17,375 oxen, 32,510 sheep, 4,463 goats and 94 buffaloes were slaughtered in the abattoirs, making a total of 324,002 animals, an increase of 22,303 over the previous year and the highest on record. 2,193 carcases were totally condemned, 2,004 being swine, 59 oxen, 80 goats, 47 sheep and 3 buffaloes.

Of the swine, 1,233 were condemned on account of cysticercus cellulosae, against 775 last year. Pyrexia and swine fever combined accounted for 519 carcases, as against 846 during the previous year. The increase in the number of "measley", and the decrease in the number of fevered carcases was due, no doubt, to the introduction of a "Swine Fever Order" in June. Since this order was enforced all imported swine are delivered at the municipal abattoir for immediate slaughter.

There was evidence of tuberculosis in the carcases of 1,331 swine and 184 oxen.

Carcases and organs amounting to 306 tons 18½ cwts were destroyed at the municipal incinerator. The provision of a waste eliminating plant might again be considered.

I attach details of animals admitted, diseases detected, fees collected etc.

I have the honour to be,

Sir,

Your obedient servant,

D. WILSON,

Superintendent of Abattoir.

Particulars of animals admitted for slaughter etc., during the year ended 31st December, 1937.

	Swine.	Oxen.	Buff-aloes.	Sheep.	Goats.
Admitted for slaughter during the year ended 31st December 1937 ..	270,863	17,409	94	32,572	4,502
Admitted for slaughter during the year ended 31st December 1936 ..	249,722	14,447	84	34,941	3,457
Died while awaiting slaughter .	1,744	—	—	93	32
Brought in by ambulance ..	—	557	27	—	—
Carcases (complete) condemned as unfit for consumption ..	2,004	59	3	47	80
Diseased organs etc., condemned and destroyed, in tons ..	53.4	28.8	.5	4.4	1.7

	$ *cts.*
Fees for slaughter at cattle section	17,503.00
Fees for slaughter at sheep section	12,975.90
Fees for slaughter at pig section	135,431.50
Fees for storage in chilling room	3,300.50
Fees for storage at French Road Depot ..	6,720.90
Receipts as pen rents (all slaughter houses) ..	7,741.65
Receipts for sale of blood	957.00
Receipts for sale of pig's bristles	220.00
Total receipts for the year ended 31.12.37. ..	$184,850.45
Total receipts for the year ended 31.12.36. ..	$170,080.38

Special slaughtering licenses issued during the year ended 31st December, 1937.

18 Sheep }
11 Goats } @ $3.50 each .. $101.50

Carcases totally condemned during the year 1937.

	Swine	Oxen	Buff-aloes	Sheep	Goats	Total
Bruising, Extensive and Severe ..	14	—	—	4	1	19
Caseous Lymphadenitis ..	—	—	—	4	—	4
Cysticerus Bovis	—	18	—	—	—	18
Cysticerus Cellulosae ..	1,233	—	—	—	—	1,233
Cysticerus Ovis	—	—	—	1	—	1
Decomposition	2	—	—	—	—	2
Dropsy, General	6	—	—	3	4	13
Emaciation, General, Pathological	38	18	—	2	55	113
Jaundice	29	4	—	3	1	37
Mammitis, Acute, Septic ..	2	—	—	—	—	2
Metritis, Septic	9	—	—	—	1	10
Pericarditis, Septic ..	1	1	—	—	—	2
Peritonitis, Septic	41	—	—	—	1	42
Pneumonia, Gangrenous ..	9	—	1	1	10	21
Pyaemia	17	1	1	1	—	20
Pyrexia	317	1	—	22	—	340
Sarcosporidosis	2	—	—	—	—	2
Septicaemia	49	—	1	5	1	56
Swine Fever	202	—	—	—	—	202
Swine Erysipelas	3	—	—	—	—	3
Tuberculosis, Generalized	21	16	—	—	—	37
Other Conditions	9	—	—	1	6	16
Total 1937 ..	2,004	59	3	47	80	2,193
Total 1936 ..	1,873	35	2	47	25	1,982

Animals slaughtered monthly, in Municipal Abattoirs during the year 1937.

	Swine	Oxen	Buffaloes	Sheep	Goats
January	22,056	1,342	—	2,848	390
February	22,119	1,269	—	2,593	368
March	21,772	1,494	17	2,366	383
April	22,369	1,371	24	2,406	199
May	22,685	1,550	—	2,766	340
June	21,845	1,476	4	2,364	356
July	22,598	1,597	10	2,140	480
August	23,545	1,511	1	2,506	338
September	21,529	1,515	7	2,391	330
October	22,250	1,501	8	3,315	356
November	22,312	1,499	—	3,629	446
December	24,480	1,250	23	3,186	477
Total for the year 1937 ..	269,560	17,375	94	32,510	4,463
Total for the year 1936 ..	248,819	14,447	84	34,917	3,432

BUREAU OF HYGIENE
LIBRARY
26 JUL 1938
& TROPICAL DISEASES